

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN004992.D
 Acq On : 27 Mar 2019 10:49
 Operator : JU/SJ
 Sample : K1825-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 28 04:47:34 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	7.68	152	9782	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	39340	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21973	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	48256	20.00	ng	0.00
76) Chrysene-d12	21.27	240	46964	20.00	ng	0.00
87) Perylene-d12	23.51	264	45735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	79339	140.23	ng	0.00
7) Phenol-d6	6.86	99	105704	140.86	ng	0.00
23) Nitrobenzene-d5	8.85	82	62941	96.78	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	42296	119.35	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	163190	98.42	ng	0.00
79) Terphenyl-d14	19.70	244	244424	100.20	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.52	42	12838	68.345	ng	96
12) 1,3-Dichlorobenzene	7.56	146	60667	77.525	ng	99
13) 1,4-Dichlorobenzene	7.71	146	90742	114.558	ng	100
14) 1,2-Dichlorobenzene	7.71	146	90742	119.703	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	91170	121.522	ng	100
18) Hexachloroethane	8.74	117	33775	120.299	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	38513	78.286	ng	98
24) Nitrobenzene	8.89	77	57544	87.431	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	24177	30.800	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	71026	105.441	ng	99
31) Naphthalene	10.51	128	167477	81.596	ng	100
33) 4-Chloroaniline	10.51	127	22332	26.742	ng	# 35
48) 2-Nitroaniline	13.79	65	1271	3.346	ng	# 1
49) Acenaphthylene	14.05	152	191281	79.690	ng	100
50) Dimethylphthalate	13.79	163	184642	102.281	ng	99
51) 2,6-Dinitrotoluene	13.92	165	48152	117.221	ng	97
52) Acenaphthene	14.39	154	20215	14.971	ng	100
57) 2,4-Dinitrotoluene	14.70	165	40116	71.860	ng	97
58) Fluorene	15.59	166	3899	2.246	ng	# 1
60) Diethylphthalate	15.15	149	196986	109.351	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	62053	69.303	ng	98
63) Azobenzene	15.59	77	7170	4.781	ng	# 10
66) n-Nitrosodiphenylamine	15.59	169	74301	48.881	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	35032	58.175	ng	98
74) Di-n-butylphthalate	18.03	149	184109	61.523	ng	100
75) Fluoranthene	19.15	202	442539	143.064	ng	99
78) Pyrene	19.15	202	442539	141.120	ng	100
80) Butylbenzylphthalate	20.40	149	77668	60.954	ng	99
81) Benzo(a)anthracene	21.26	228	400520	136.912	ng	99
83) Chrysene	21.32	228	368438	131.857	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	268922	152.537	ng	98
85) Di-n-octyl phthalate	22.05	149	125898	44.249	ng	99
90) Benzo(a)pyrene	23.42	252	146154	56.734	ng	99
92) Benzo(g,h,i)perylene	26.49	276	340722	133.215	ng	99

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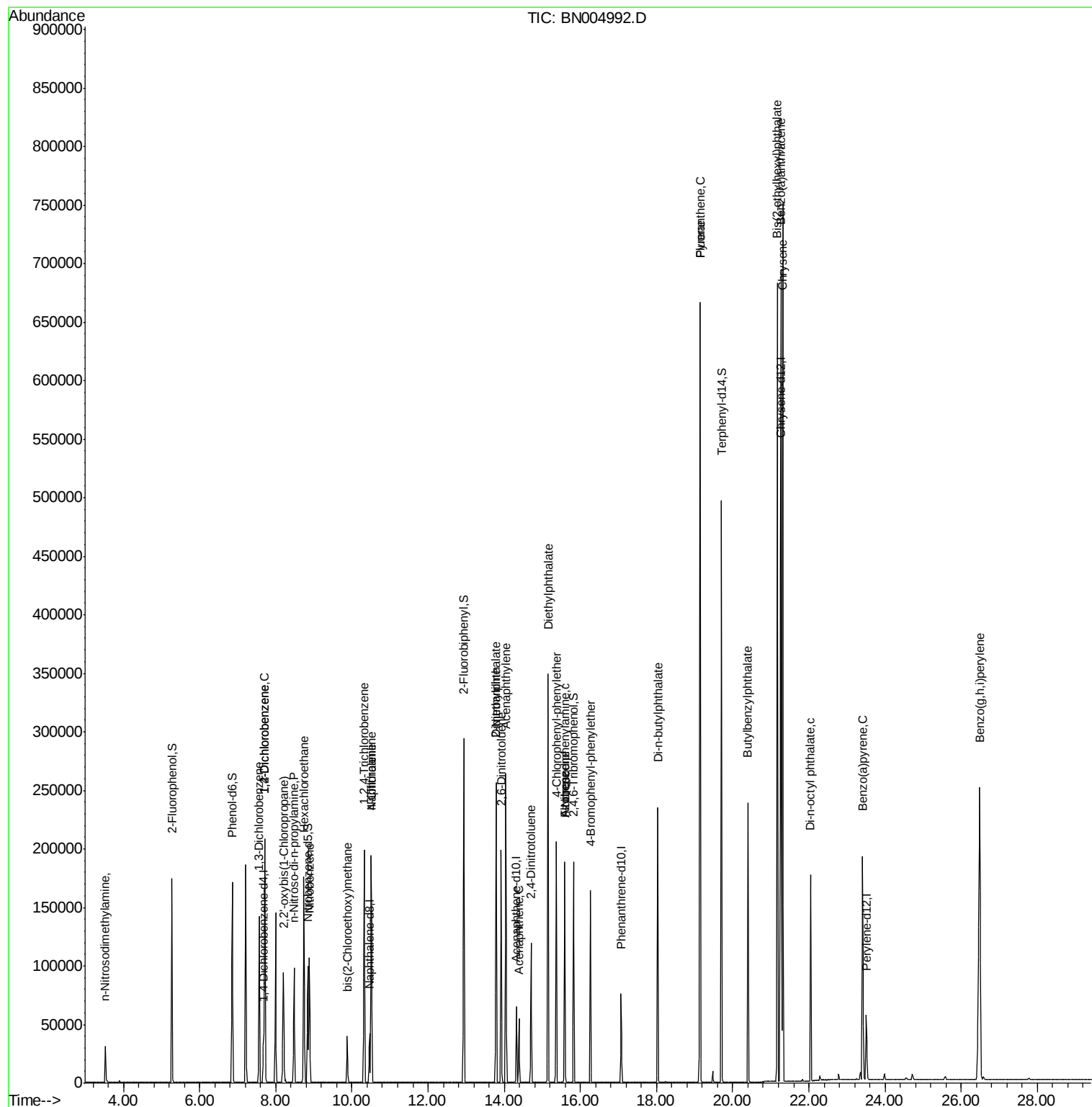
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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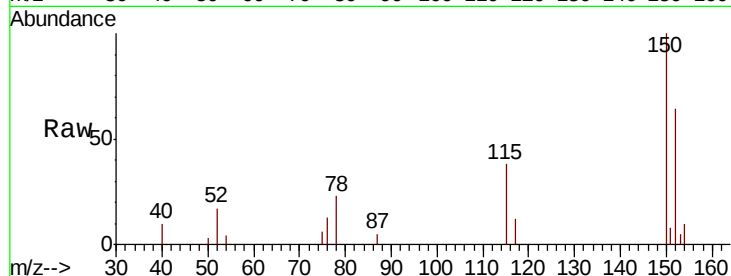


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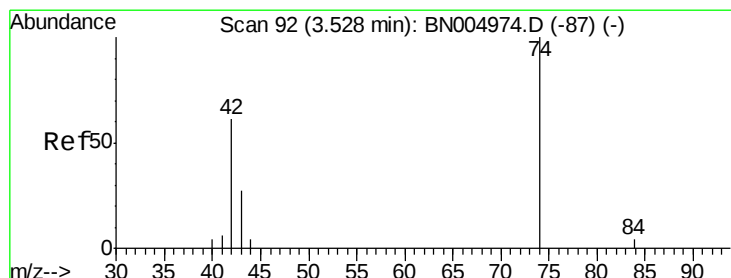
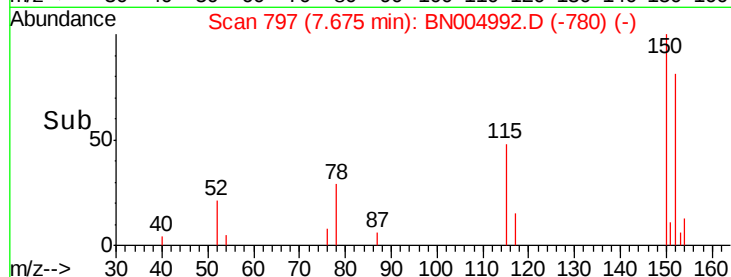
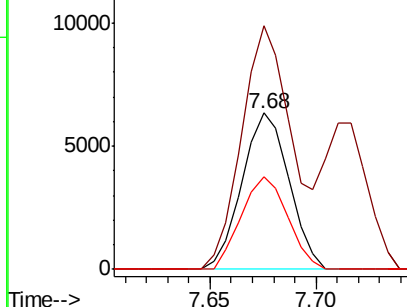
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 9782
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 59.4 47.8 71.6



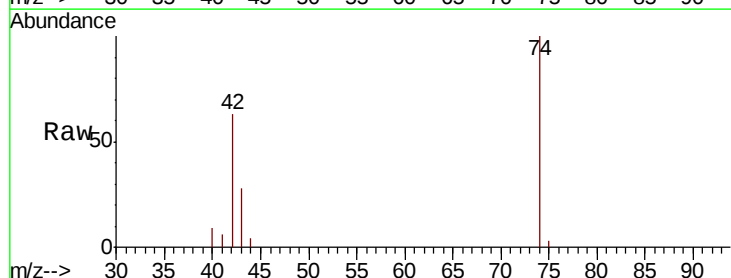
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



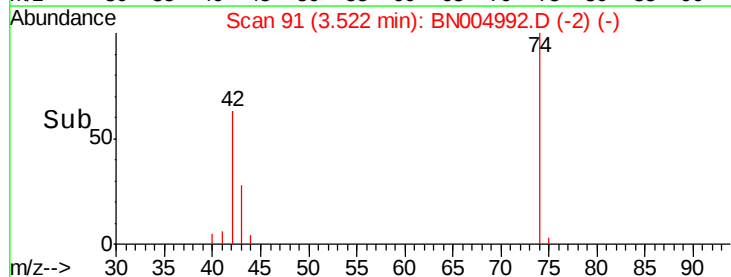
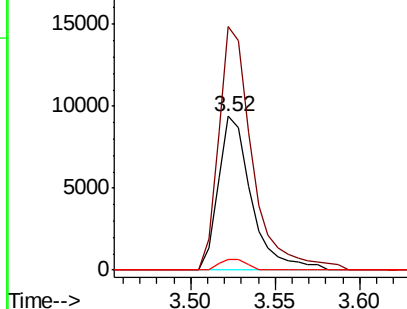
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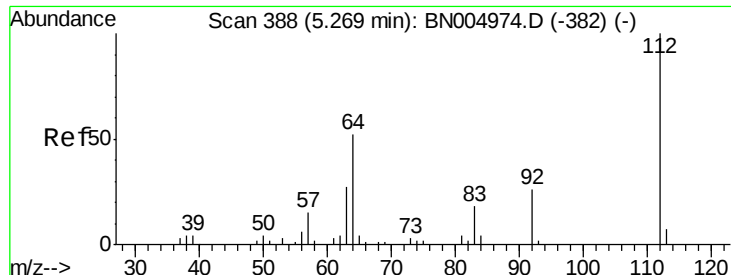
n-Nitrosodimethylamine
Concen: 68.345 ng
RT: 3.52 min Scan# 91
Delta R.T. -0.01 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion: 42 Resp: 12838
Ion Ratio Lower Upper
42 100
74 158.3 130.8 196.2
44 6.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 140.226 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

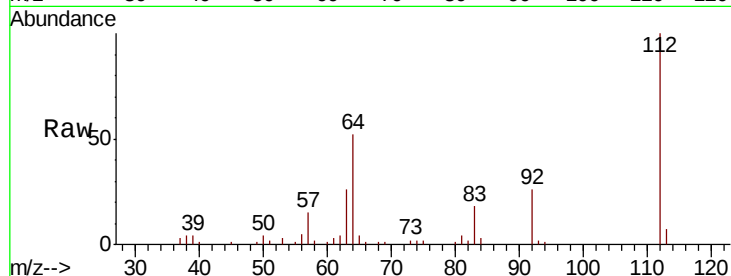
Tgt Ion: 112 Resp: 79339

Ion Ratio Lower Upper

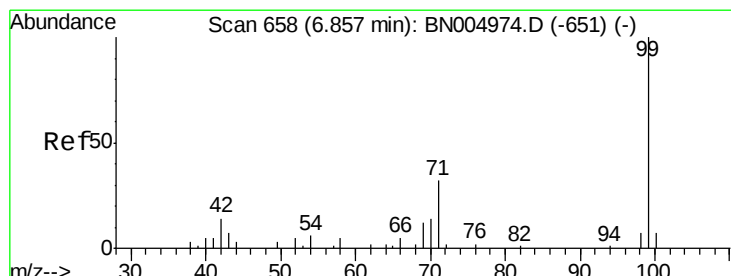
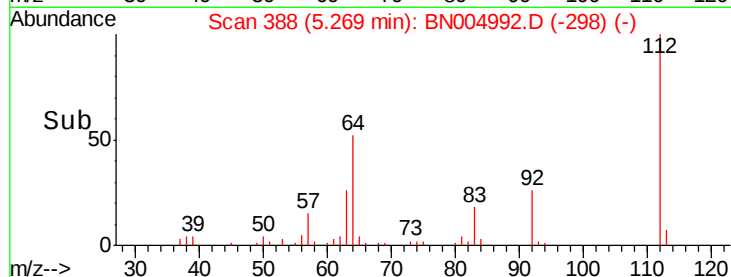
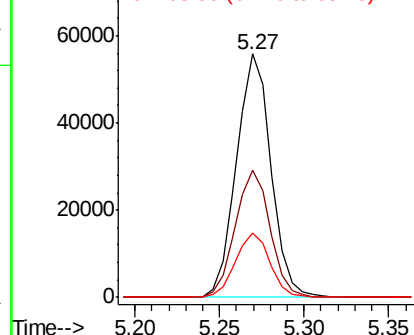
112 100

64 52.4 41.9 62.9

63 26.4 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#7

Phenol-d6

Concen: 140.857 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

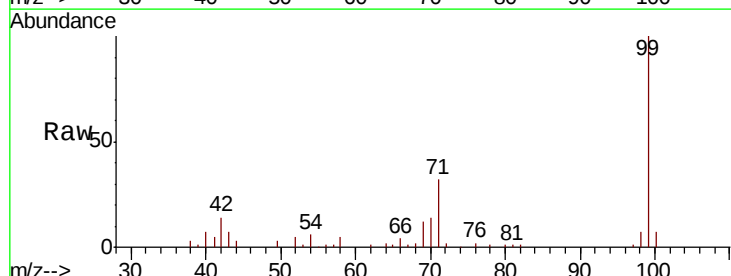
Tgt Ion: 99 Resp: 105704

Ion Ratio Lower Upper

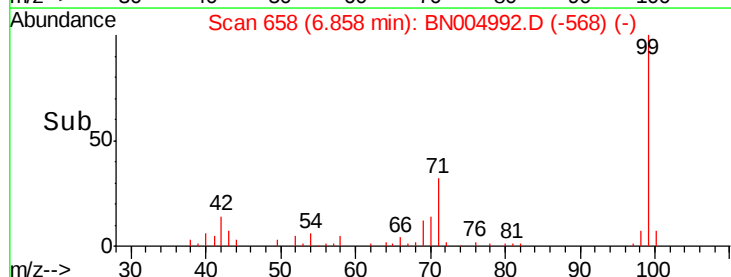
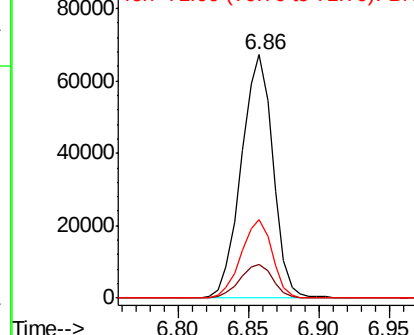
99 100

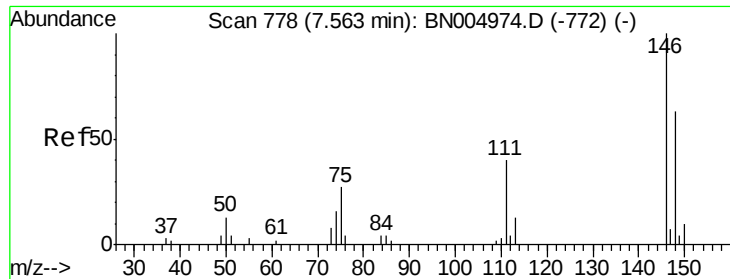
42 14.0 11.4 17.0

71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC

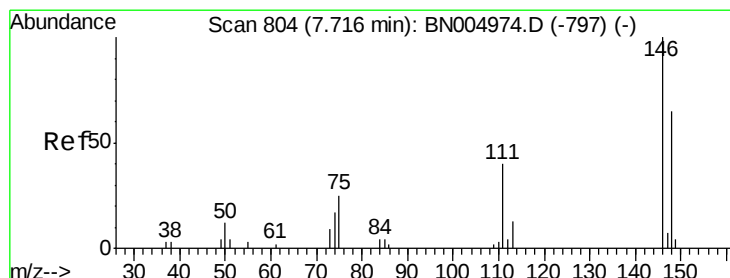
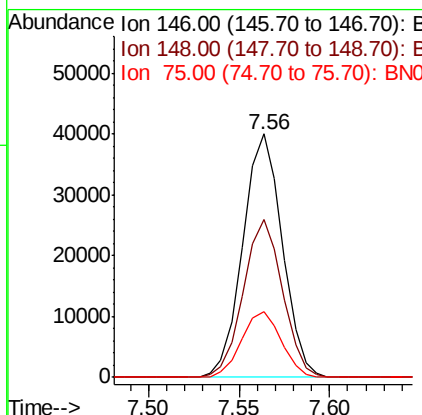
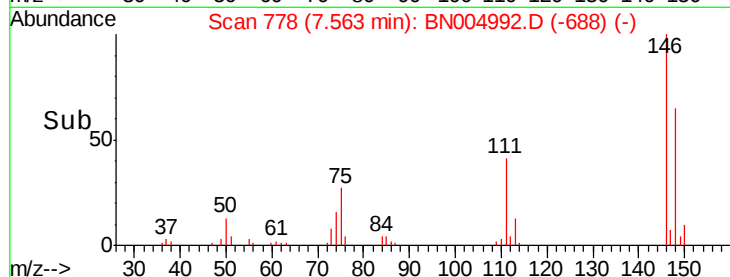
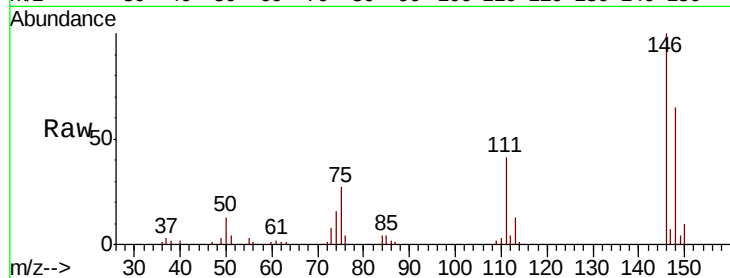




#12
 1,3-Dichlorobenzene
 Concen: 77.525 ng
 RT: 7.56 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

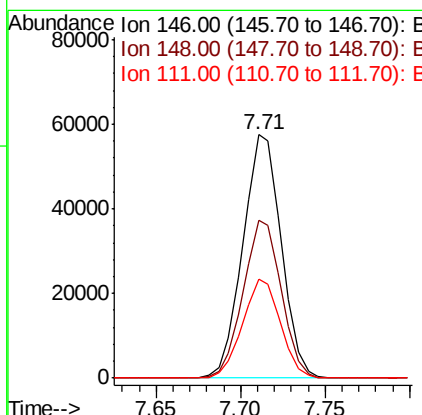
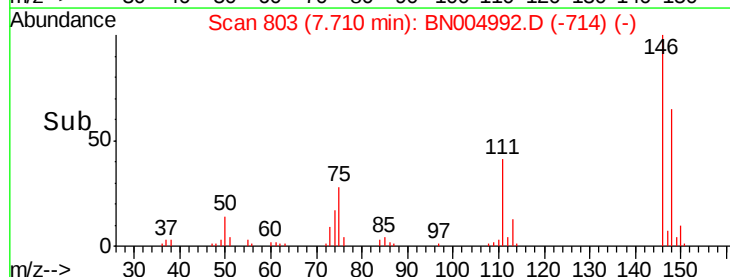
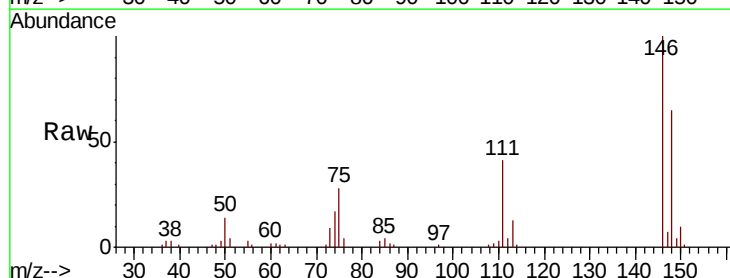
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

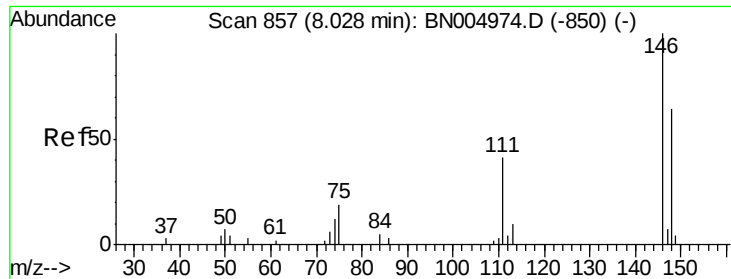
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
75	26.8	22.0	33.0



#13
 1,4-Dichlorobenzene
 Concen: 114.558 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	40.6	32.6	49.0

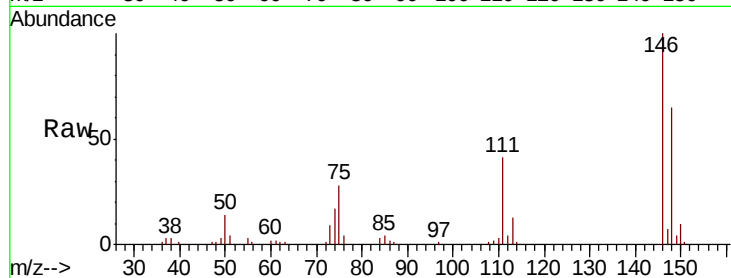




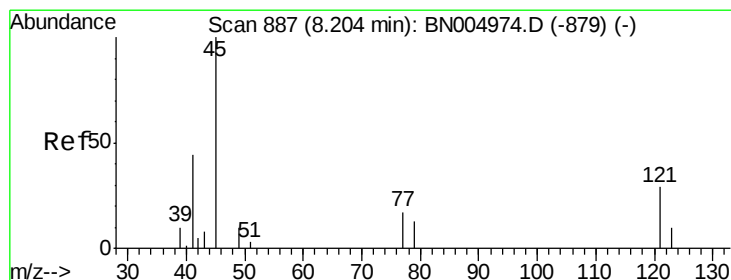
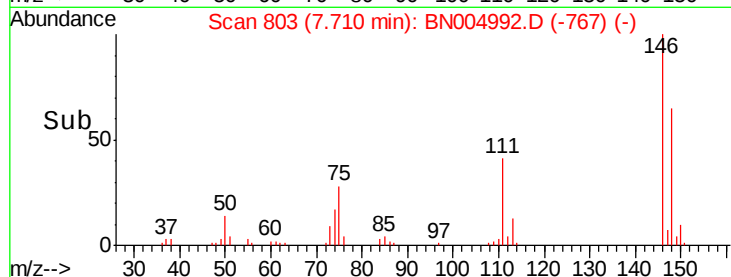
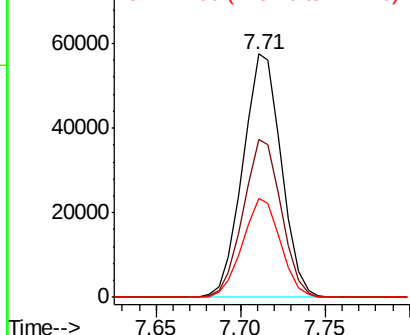
#14
 1,2-Dichlorobenzene
 Concen: 119.703 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.32 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Tgt Ion:146 Resp: 90742
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 40.6 32.6 49.0

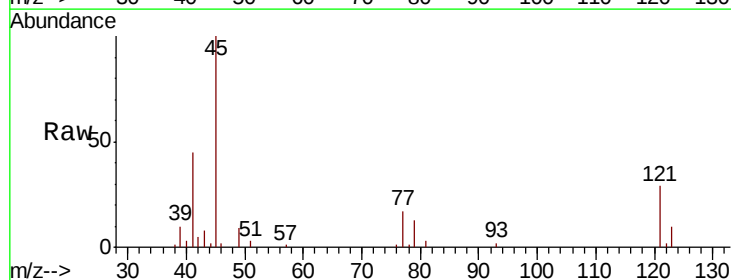


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

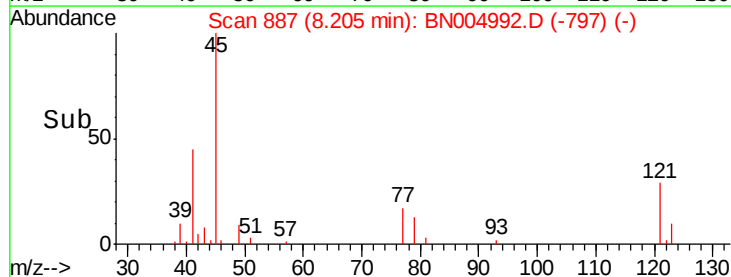
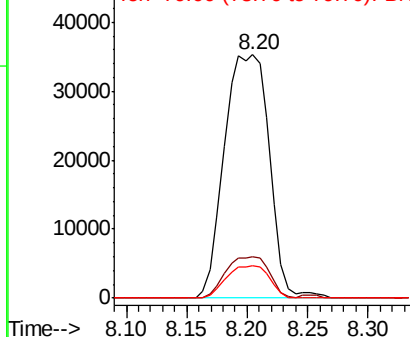


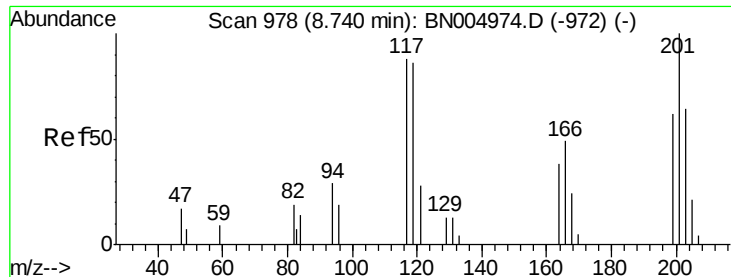
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 121.522 ng
 RT: 8.20 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Tgt Ion: 45 Resp: 91170
 Ion Ratio Lower Upper
 45 100
 77 16.9 0.0 36.9
 79 13.3 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BNC
 Ion 77.00 (76.70 to 77.70): BNC
 Ion 79.00 (78.70 to 79.70): BNC

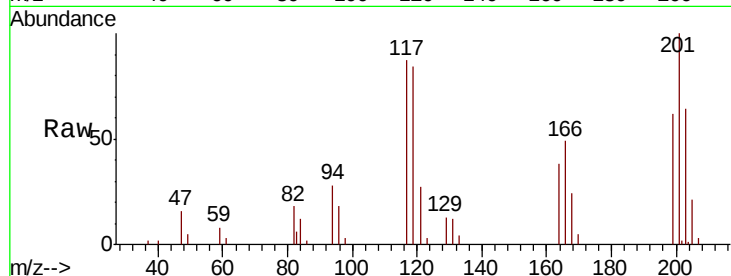




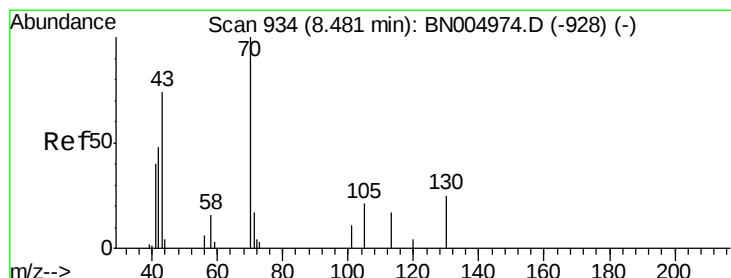
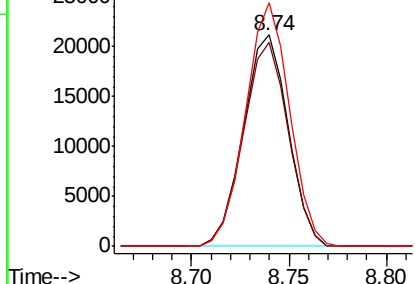
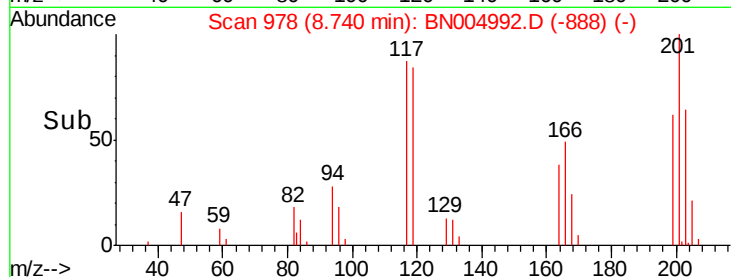
#18
Hexachloroethane
Concen: 120.299 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 33775
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 115.2 90.5 135.7

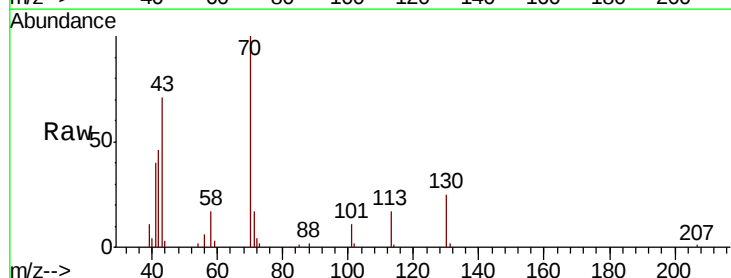


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

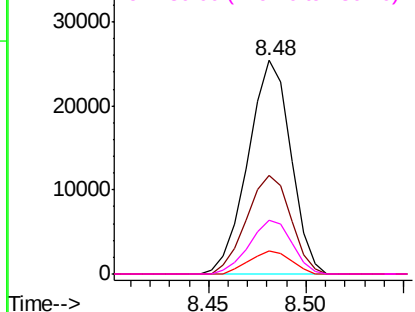
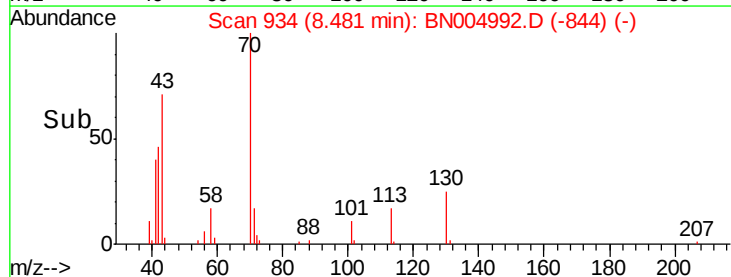


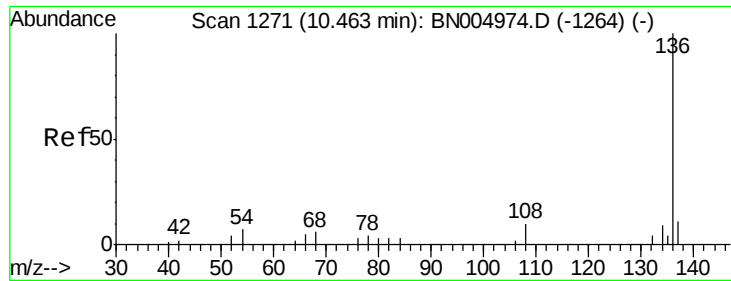
#19
n-Nitroso-di-n-propylamine
Concen: 78.286 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion: 70 Resp: 38513
Ion Ratio Lower Upper
70 100
42 46.3 38.4 57.6
101 10.7 8.8 13.2
130 25.3 19.8 29.8



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

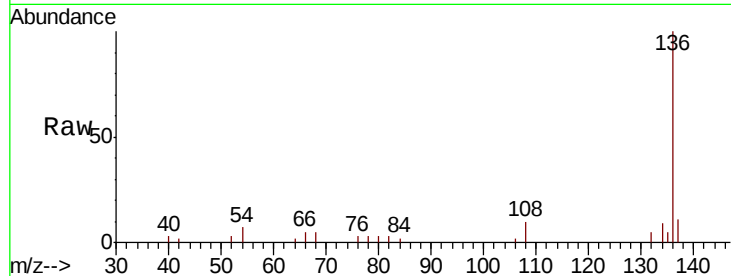




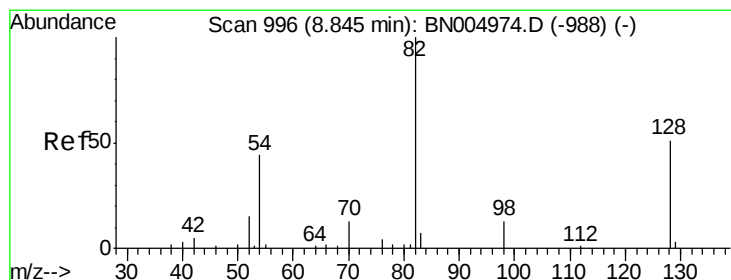
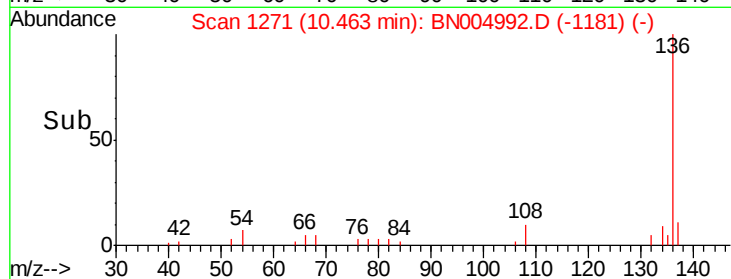
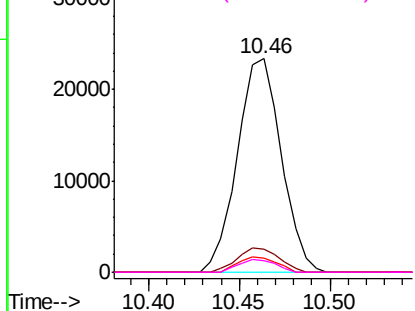
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:	136	Resp:	39340
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.6	5.3	7.9
68	5.4	4.6	6.8

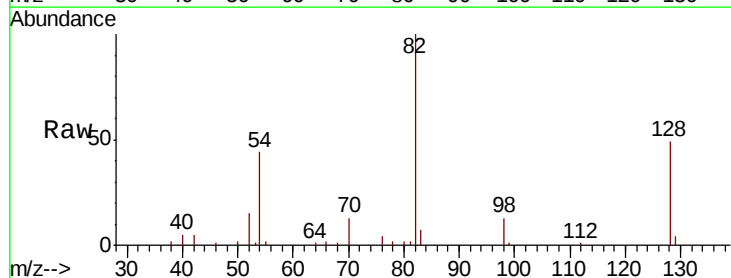


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

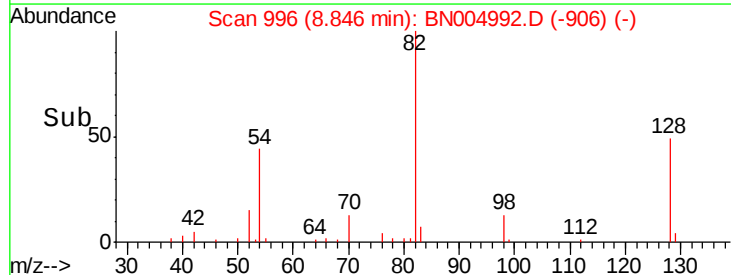
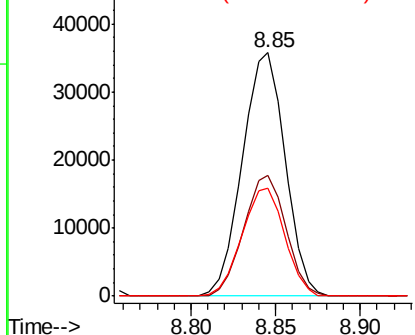


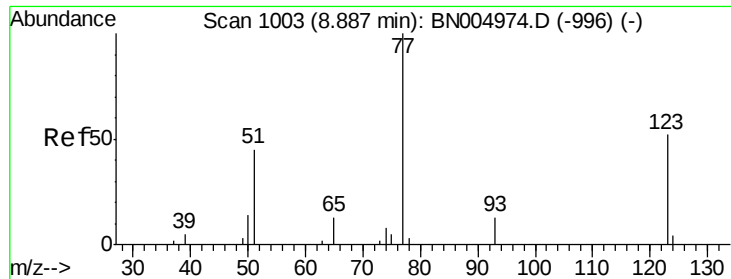
#23
Nitrobenzene-d5
Concen: 96.782 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion:	82	Resp:	62941
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.6	60.8
54	44.1	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





#24

Nitrobenzene

Concen: 87.431 ng

RT: 8.89 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

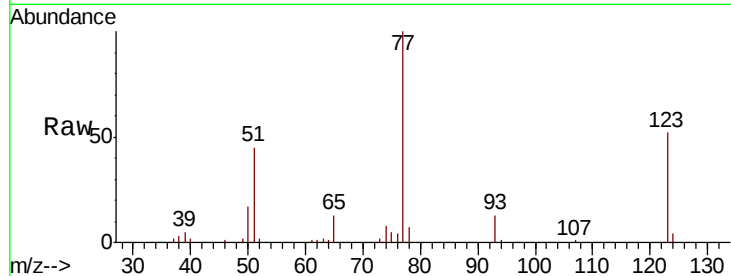
Tgt Ion: 77 Resp: 57544

Ion Ratio Lower Upper

77 100

123 52.0 41.3 61.9

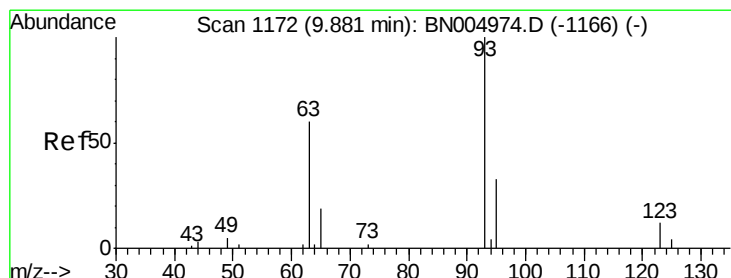
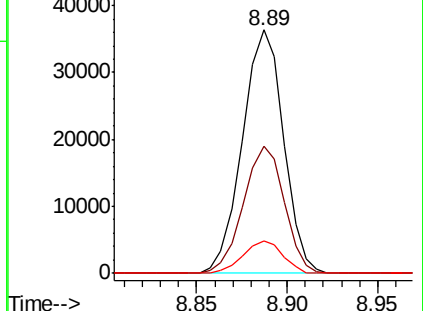
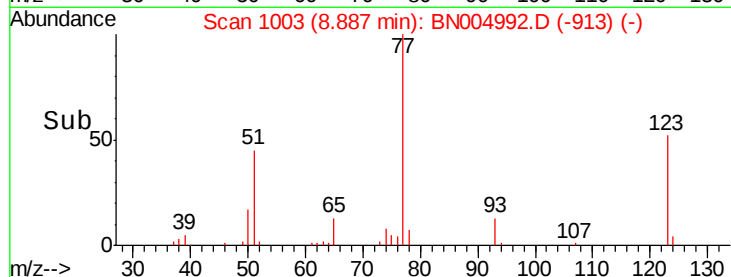
65 13.4 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-996) (-)

Ion 123.00 (122.70 to 123.70): BN004974.D (-996) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-996) (-)



#28

bis(2-Chloroethoxy)methane

Concen: 30.800 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

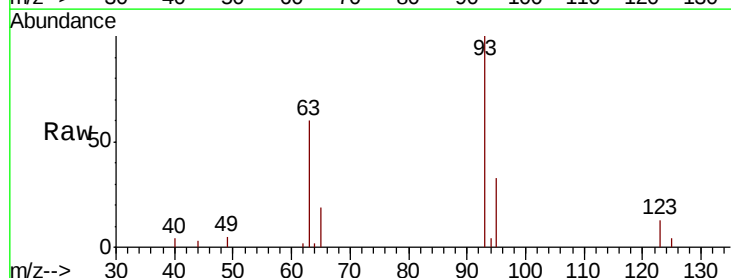
Tgt Ion: 93 Resp: 24177

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

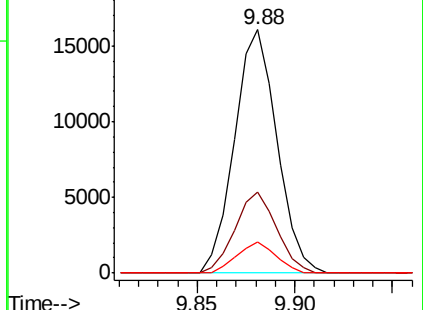
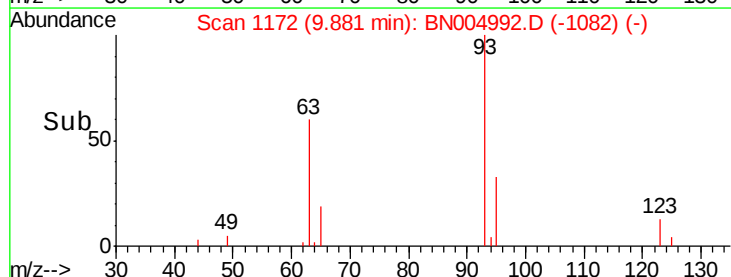
123 12.6 9.8 14.8

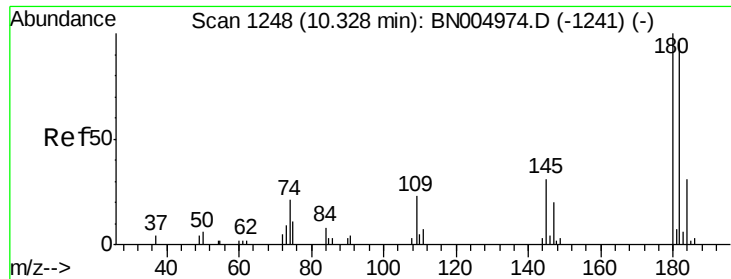


Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-1166) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-1166) (-)

Ion 123.00 (122.70 to 123.70): BN004974.D (-1166) (-)

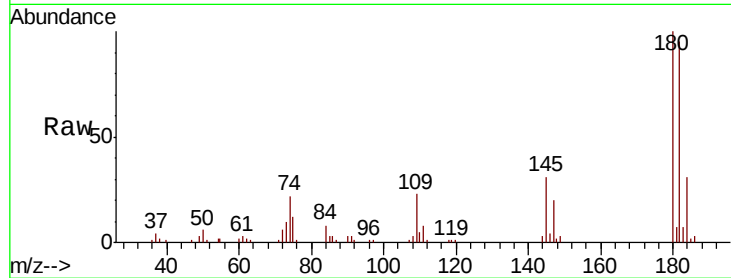




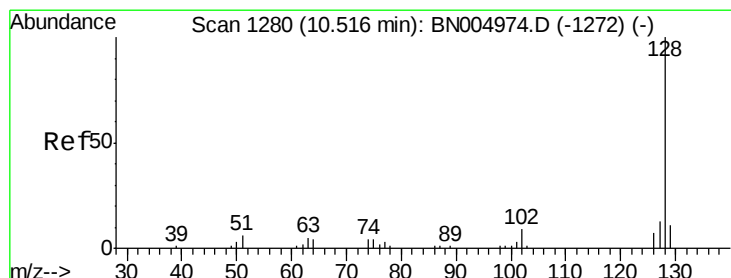
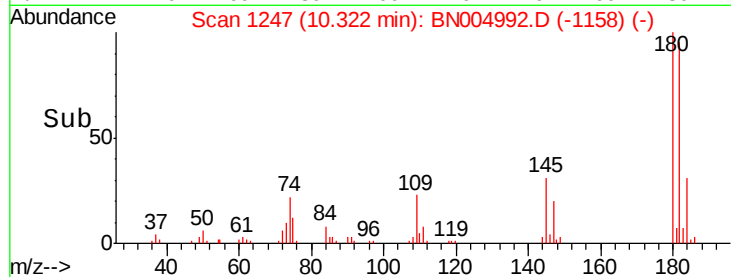
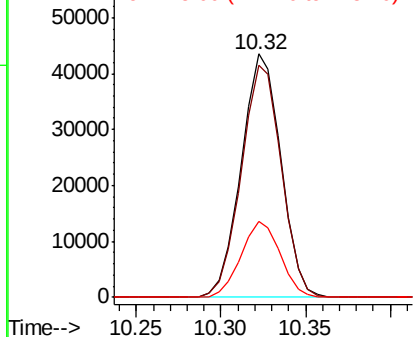
#30
 1,2,4-Trichlorobenzene
 Concen: 105.441 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Tgt Ion:180 Resp: 71026
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 114.8
 145 31.3 24.6 37.0

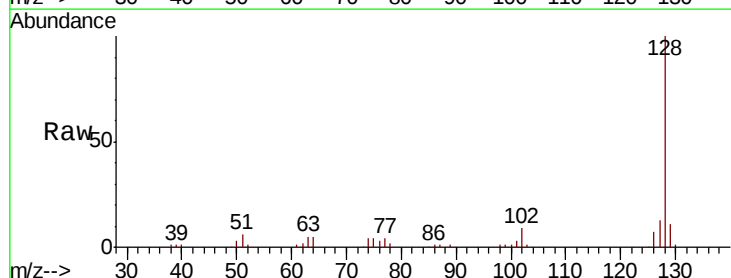


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

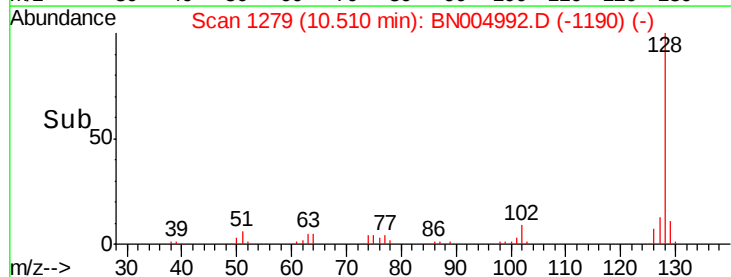
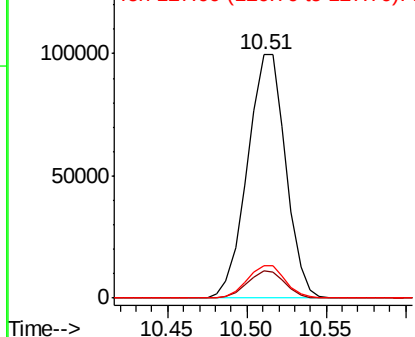


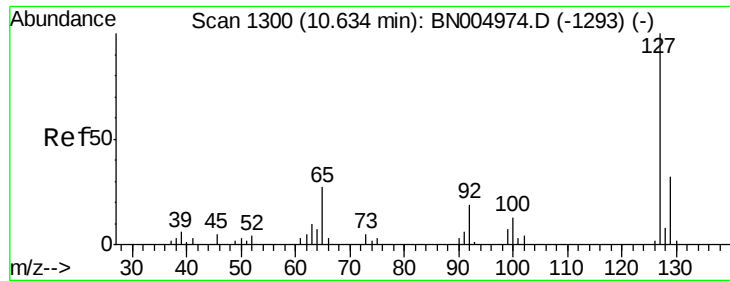
#31
 Naphthalene
 Concen: 81.596 ng
 RT: 10.51 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Tgt Ion:128 Resp: 167477
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

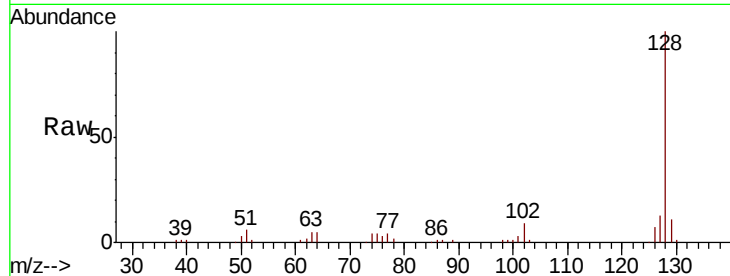




#33
4-Chloroaniline
Concen: 26.742 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.12 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion	Ratio	Lower	Upper
127	100		
129	83.1	25.9	38.9#
65	0.0	21.4	32.0#
92	0.0	15.3	22.9#



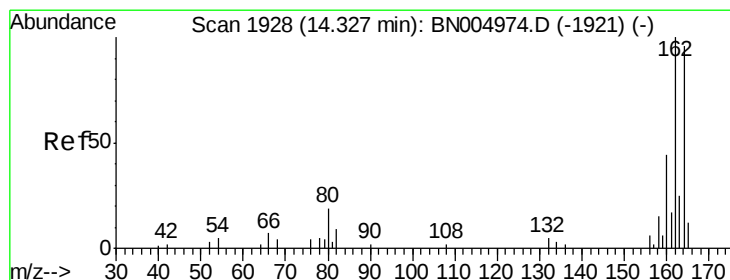
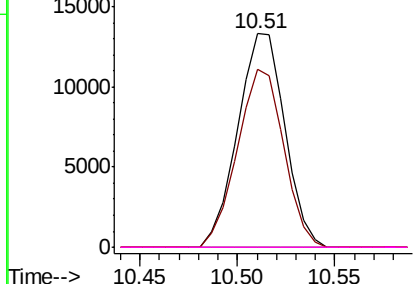
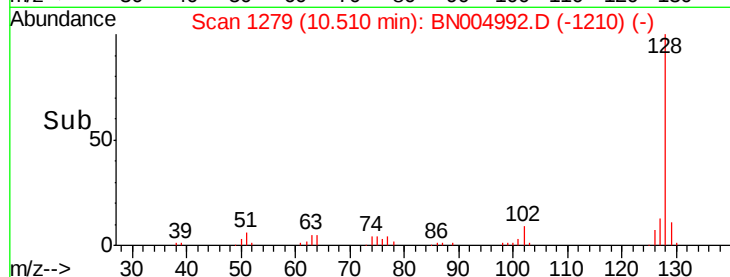
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

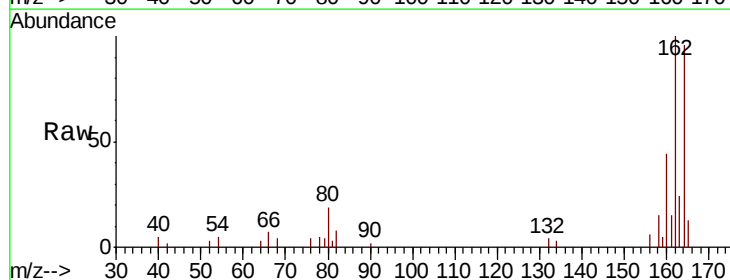
Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.4	125.0
160	46.3	36.6	55.0

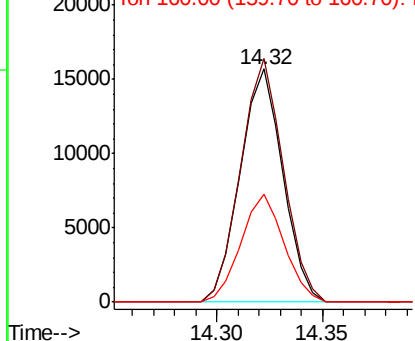
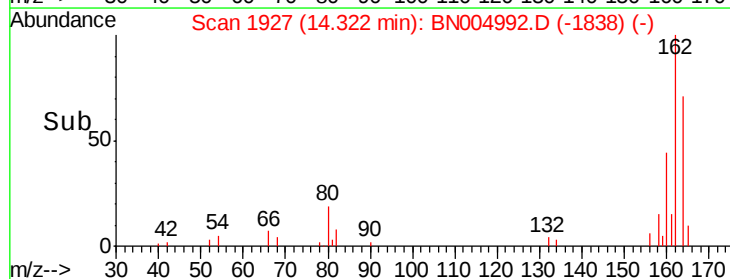


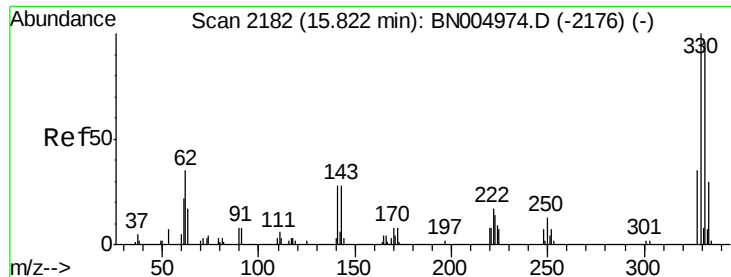
Abundance

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: 119.351 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

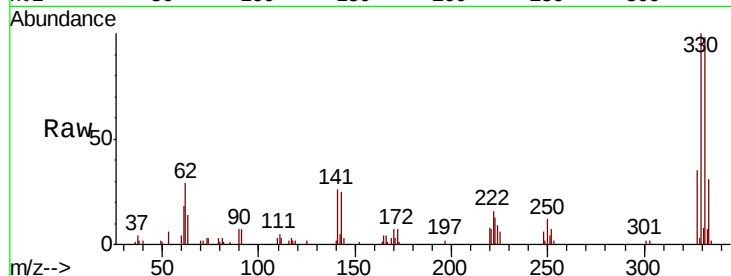
Tgt Ion:330 Resp: 42296

Ion Ratio Lower Upper

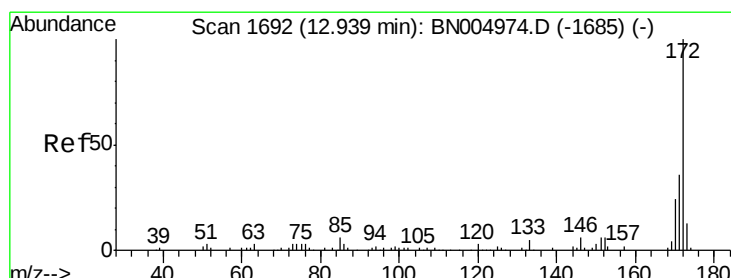
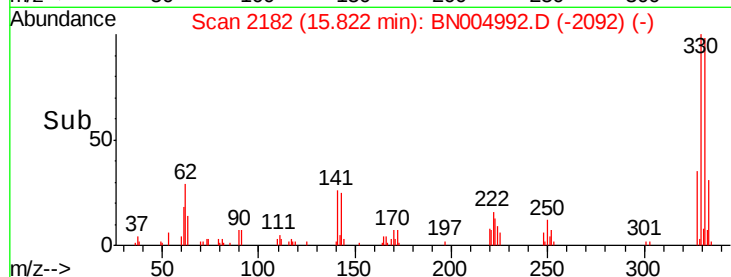
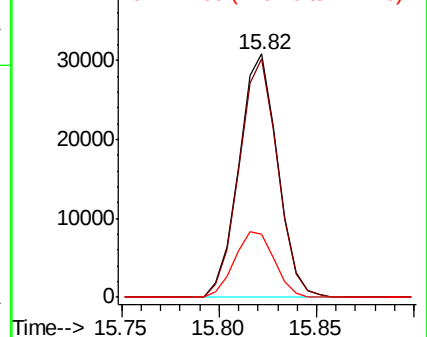
330 100

332 97.5 77.4 116.0

141 27.7 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: 98.415 ng

RT: 12.94 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

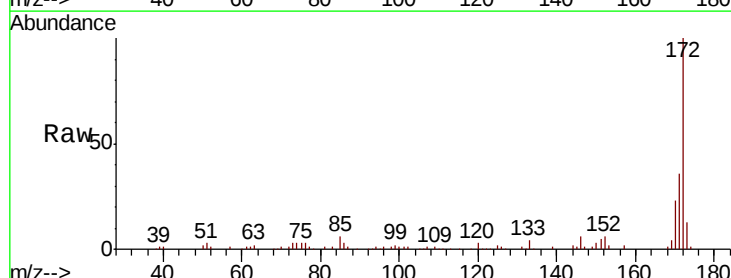
Tgt Ion:172 Resp: 163190

Ion Ratio Lower Upper

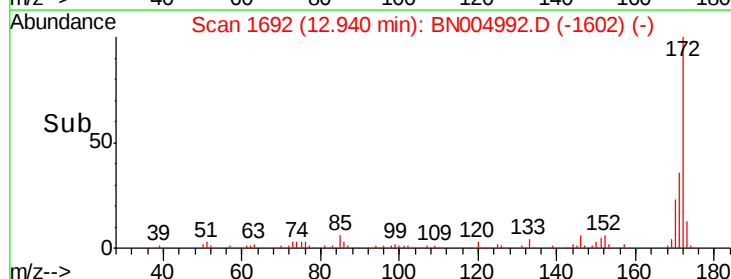
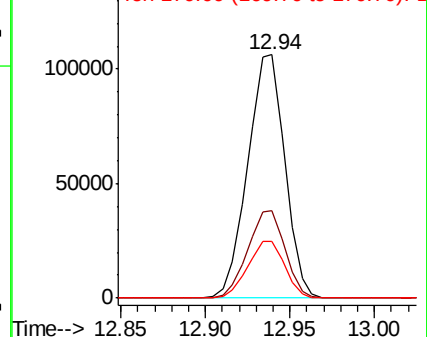
172 100

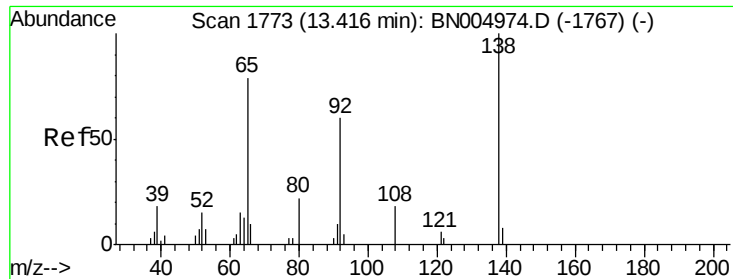
171 35.8 28.6 42.8

170 23.1 18.9 28.3



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

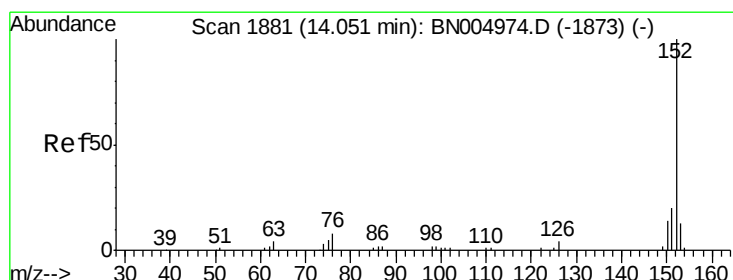
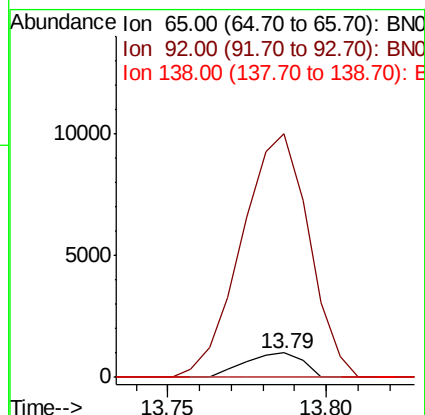
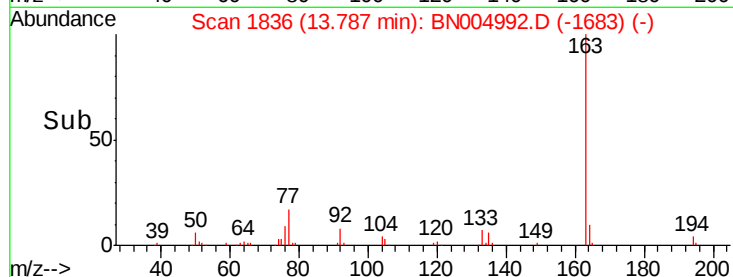
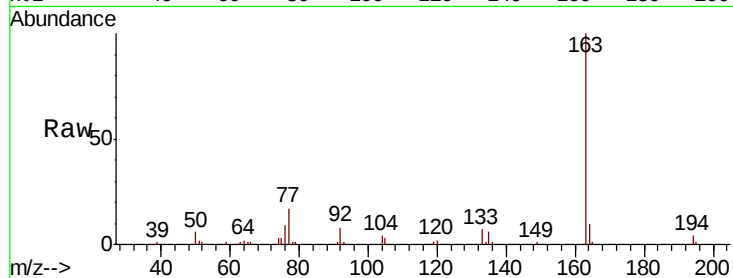




#48
2-Nitroaniline
Concen: 3.346 ng
RT: 13.79 min Scan# 1836
Delta R.T. 0.37 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

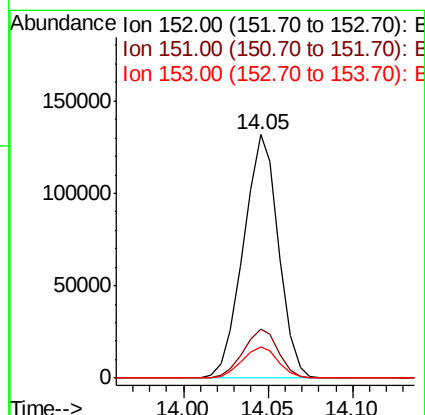
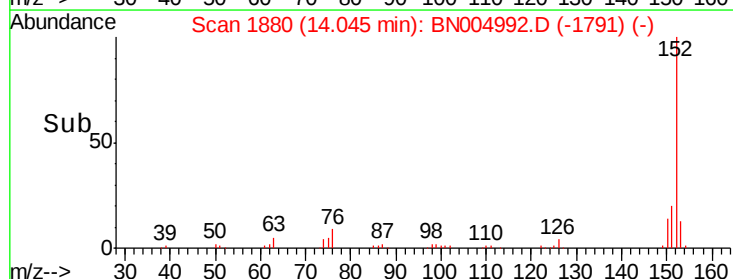
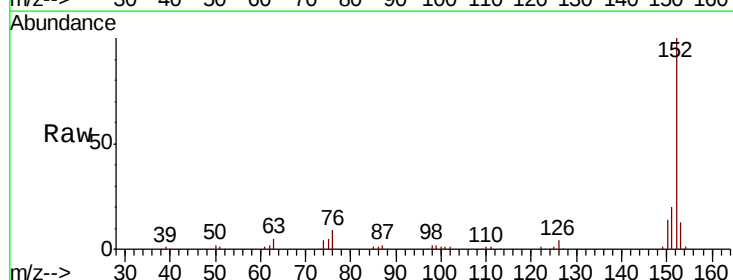
Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

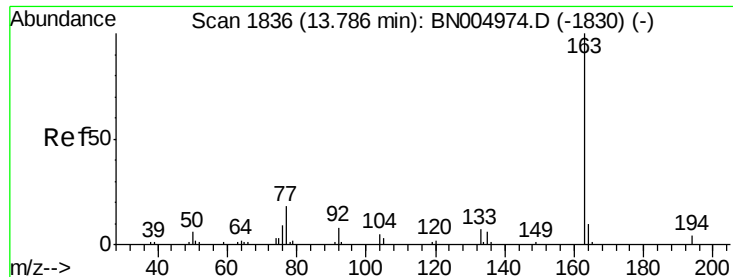
Tgt Ion: 65 Resp: 1271
Ion Ratio Lower Upper
65 100
92 1006.1 60.2 90.4#
138 0.0 101.1 151.7#



#49
Acenaphthylene
Concen: 79.690 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion: 152 Resp: 191281
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.3 15.5





#50

Dimethylphthalate

Concen: 102.281 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

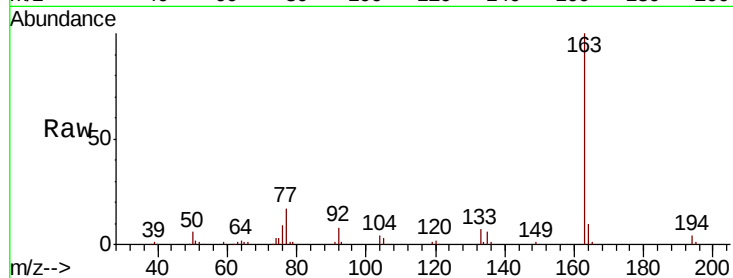
Tgt Ion:163 Resp: 184642

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

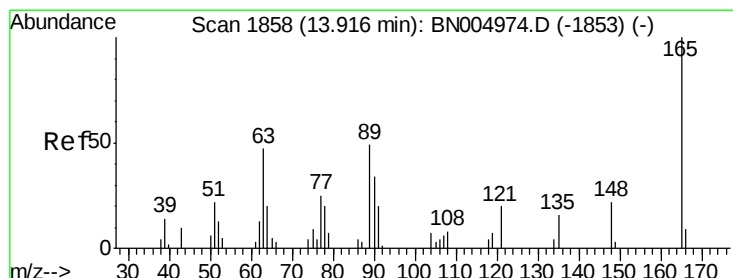
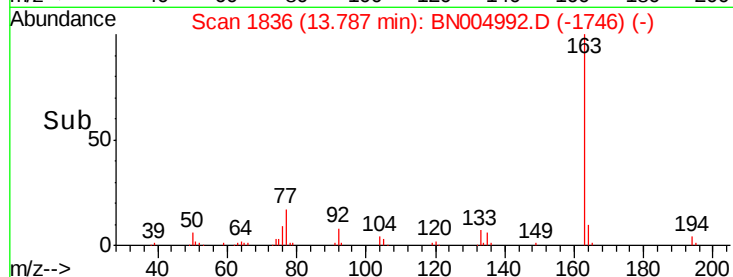
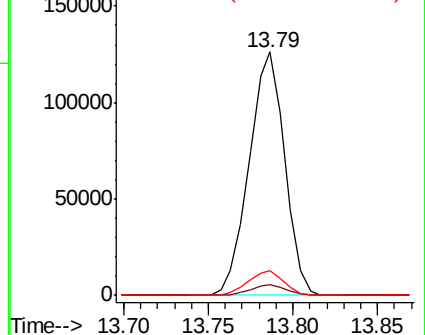
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 117.221 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

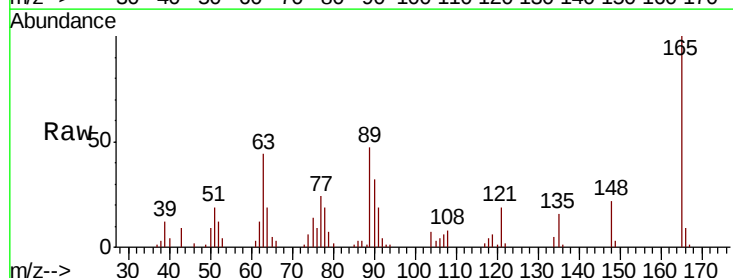
Tgt Ion:165 Resp: 48152

Ion Ratio Lower Upper

165 100

63 43.7 37.3 55.9

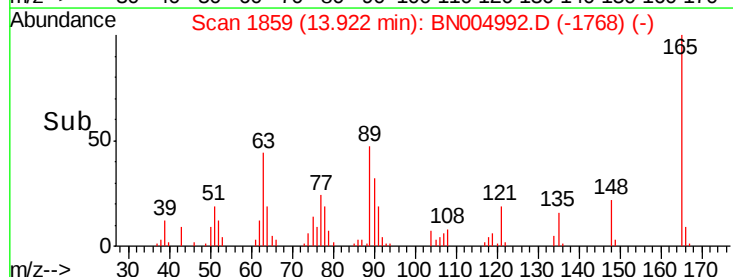
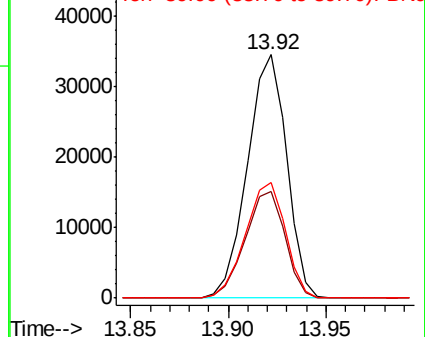
89 47.3 39.2 58.8

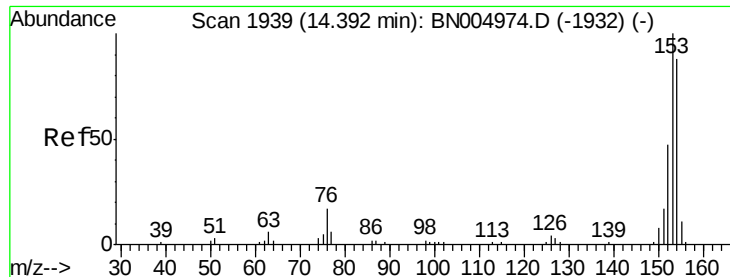


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#52

Acenaphthene

Concen: 14.971 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

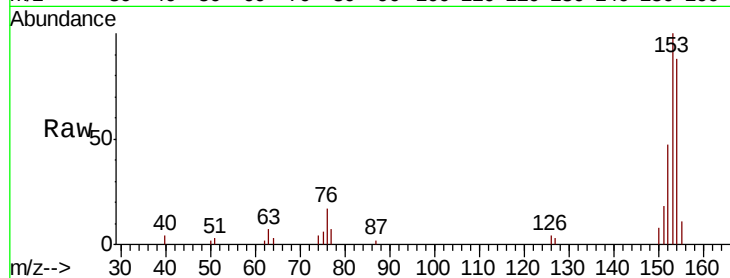
Tgt Ion:154 Resp: 20215

Ion Ratio Lower Upper

154 100

153 113.1 91.0 136.4

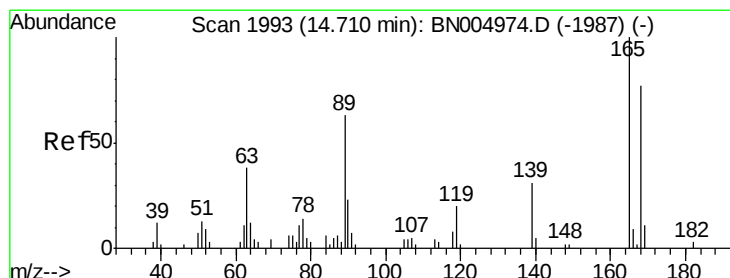
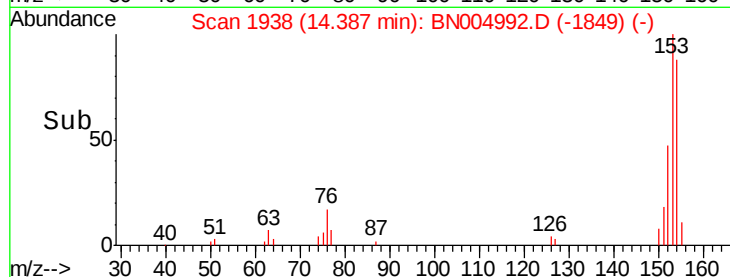
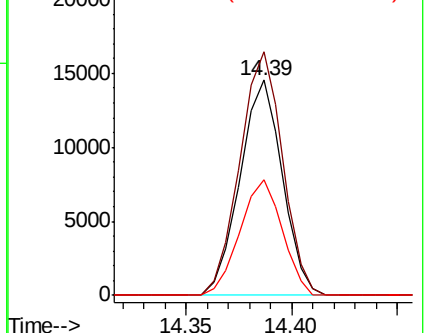
152 53.6 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 71.860 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Tgt Ion:165 Resp: 40116

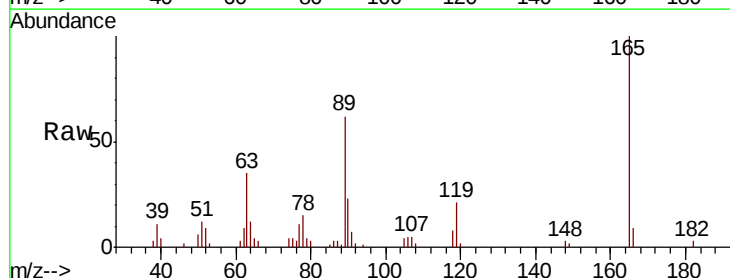
Ion Ratio Lower Upper

165 100

63 35.5 30.4 45.6

89 62.0 50.7 76.1

182 3.0 2.5 3.7

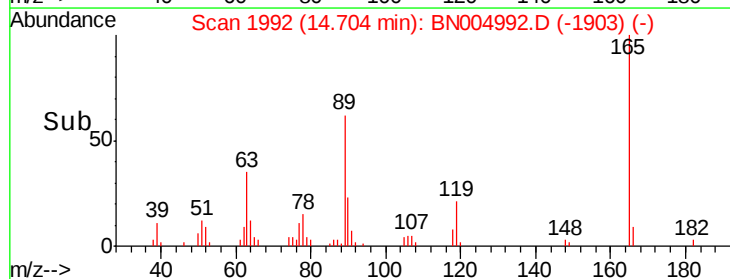
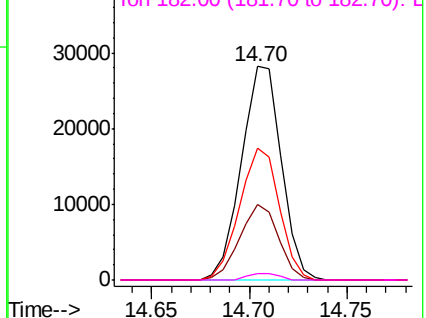


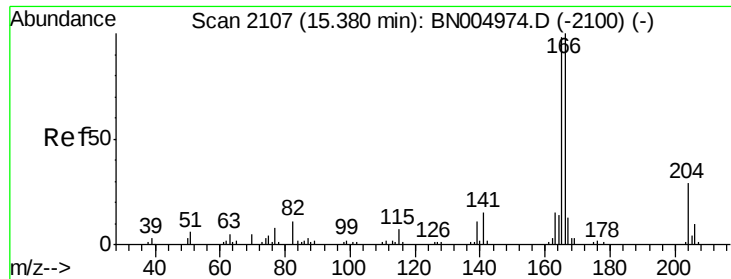
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 2.246 ng

RT: 15.59 min Scan# 2142

Delta R.T. 0.21 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampled :

PT-BN-WP

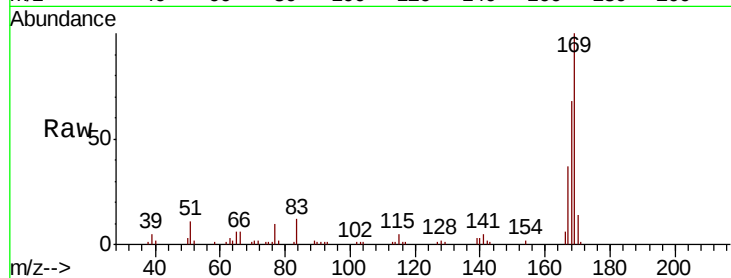
Tgt Ion:166 Resp: 3899

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

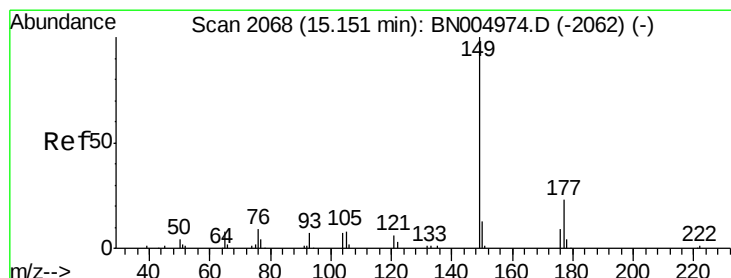
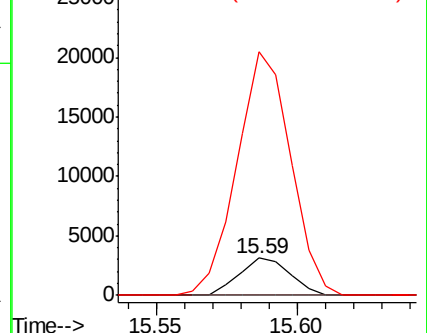
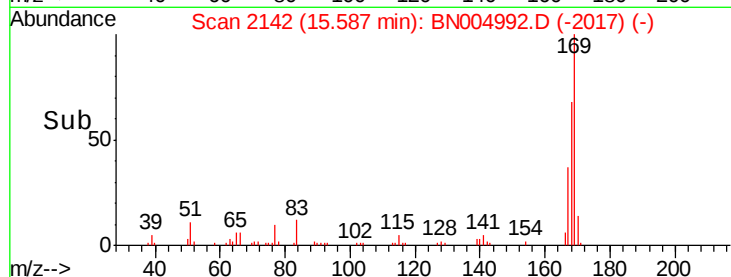
167 651.1 10.6 15.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 109.351 ng

RT: 15.15 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

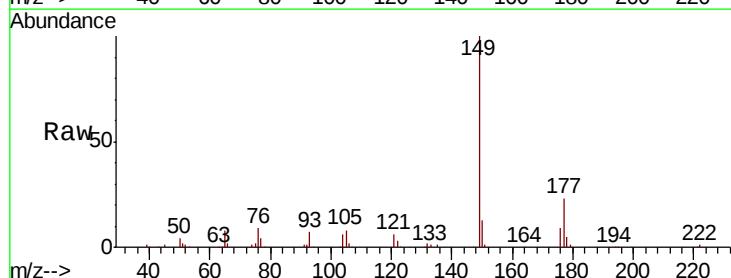
Tgt Ion:149 Resp: 196986

Ion Ratio Lower Upper

149 100

177 23.3 18.1 27.1

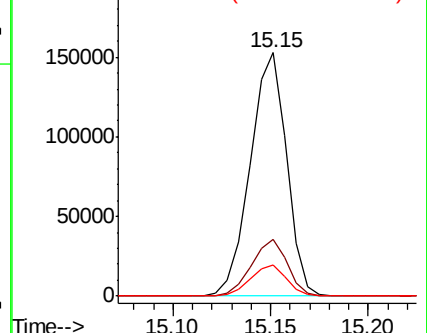
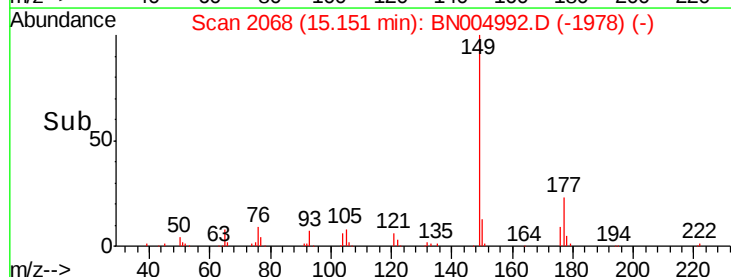
150 12.7 10.1 15.1

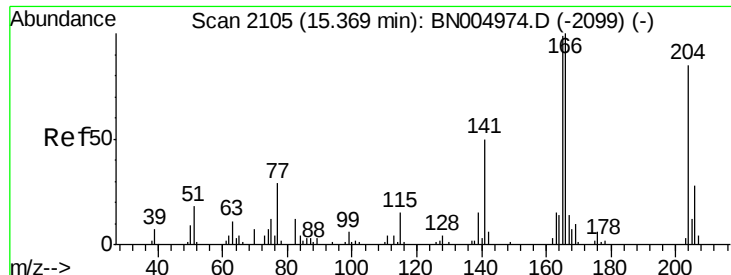


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

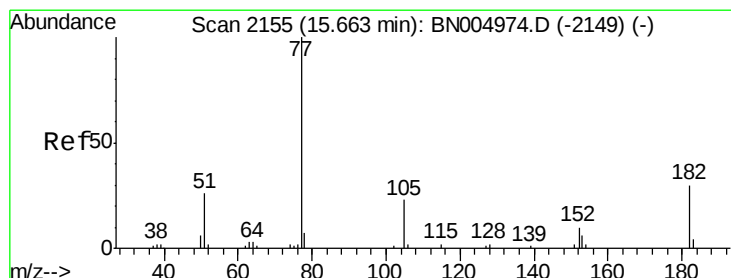
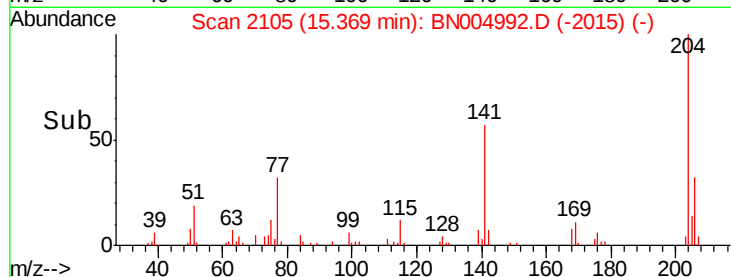
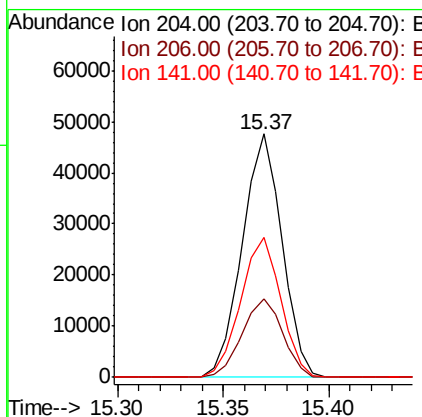
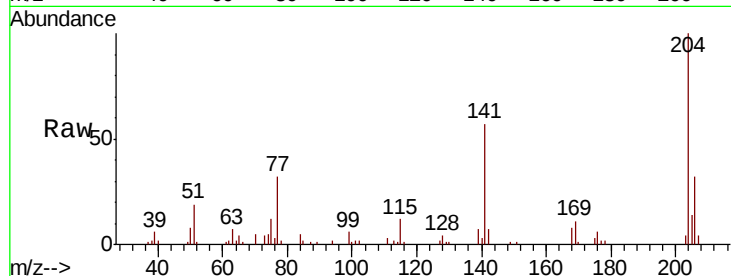




#61
 4-Chlorophenyl-phenylether
 Concen: 69.303 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

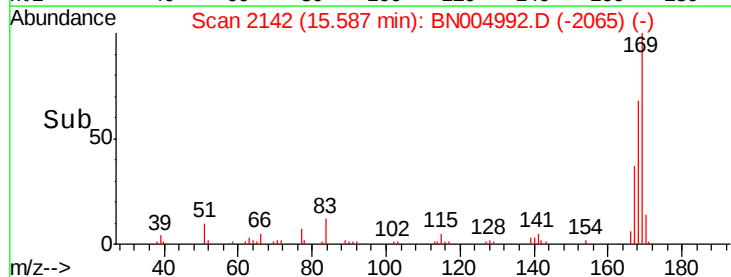
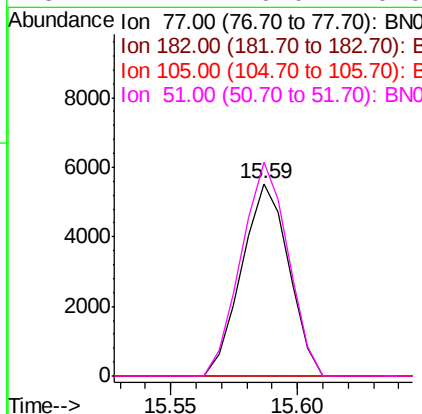
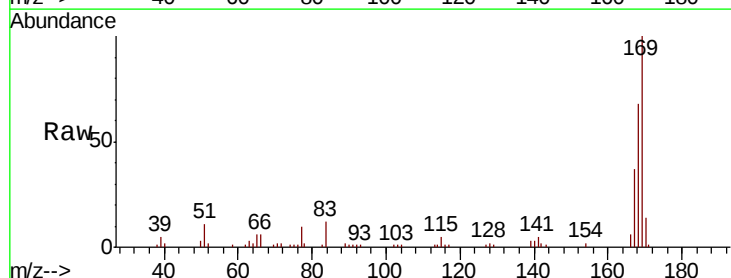
Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

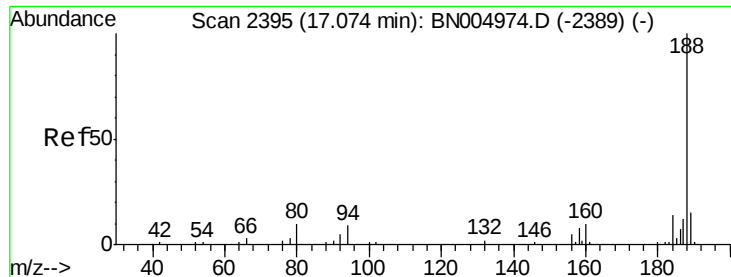
Tgt Ion: 204 Resp: 62053
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.5 39.7
 141 57.3 47.2 70.8



#63
 Azobenzene
 Concen: 4.781 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.08 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Tgt Ion: 77 Resp: 7170
 Ion Ratio Lower Upper
 77 100
 182 0.0 10.0 50.0#
 105 0.0 2.9 42.9#
 51 111.2 6.0 46.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

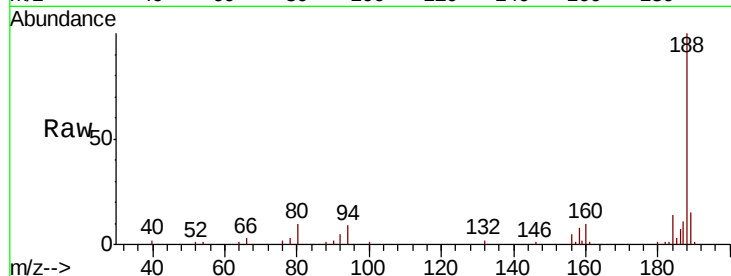
Tgt Ion:188 Resp: 48256

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

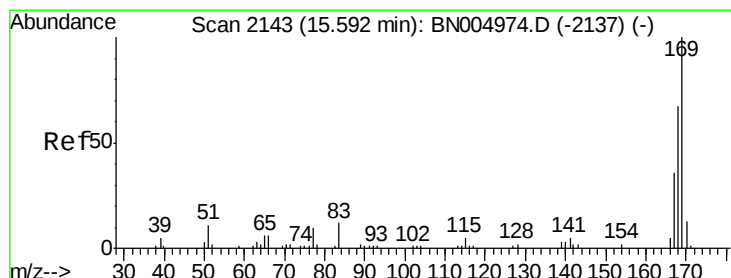
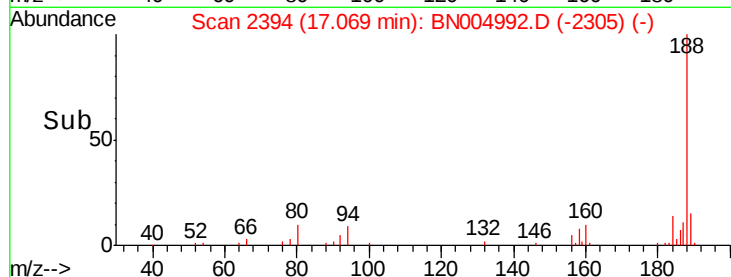
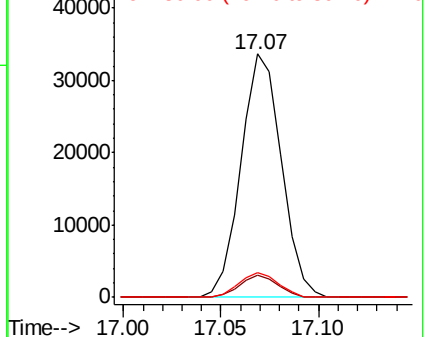
80 9.9 7.8 11.6



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



#66

n-Nitrosodiphenylamine

Concen: 48.881 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

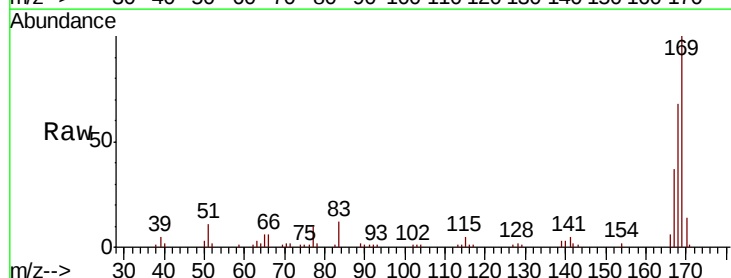
Tgt Ion:169 Resp: 74301

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.2

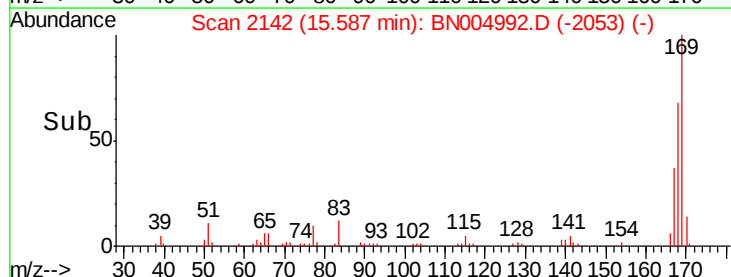
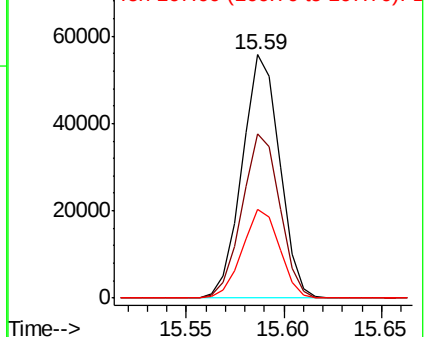
167 36.7 28.9 43.3

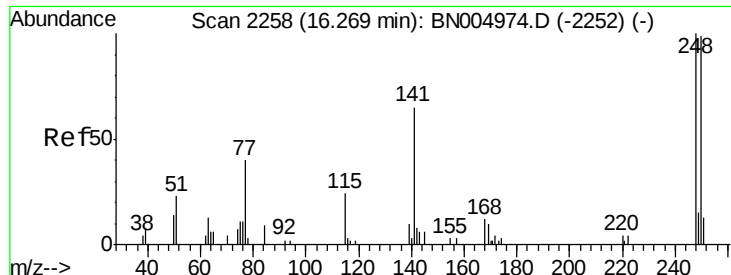


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 58.175 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

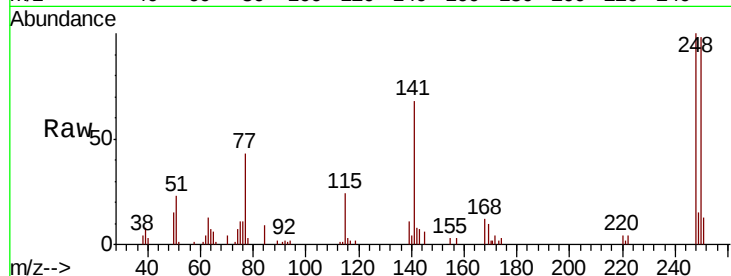
Tgt Ion:248 Resp: 35032

Ion Ratio Lower Upper

248 100

250 97.9 79.4 119.2

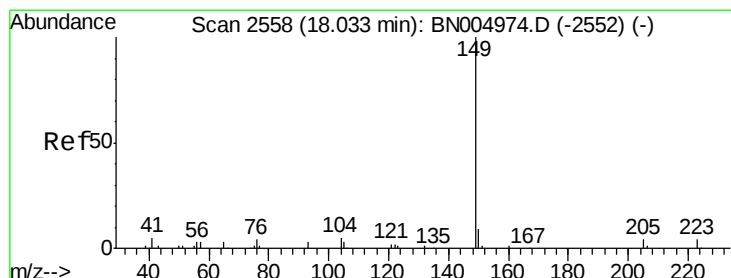
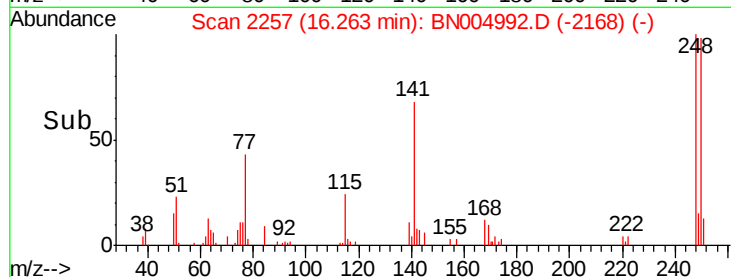
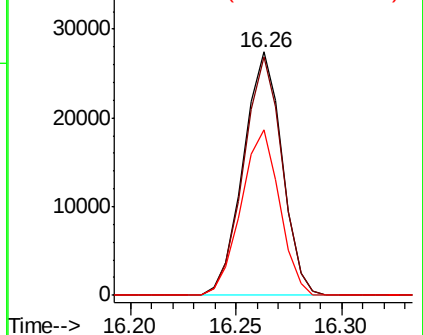
141 67.9 52.3 78.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Di-n-butylphthalate

Concen: 61.523 ng

RT: 18.03 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

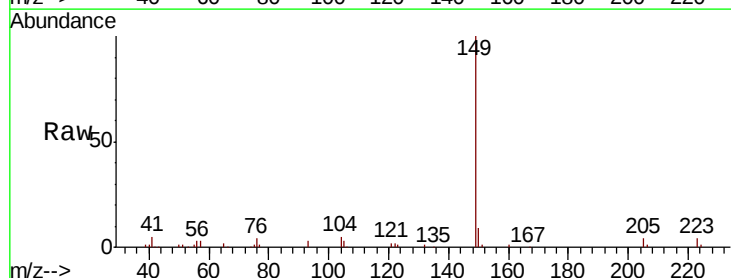
Tgt Ion:149 Resp: 184109

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

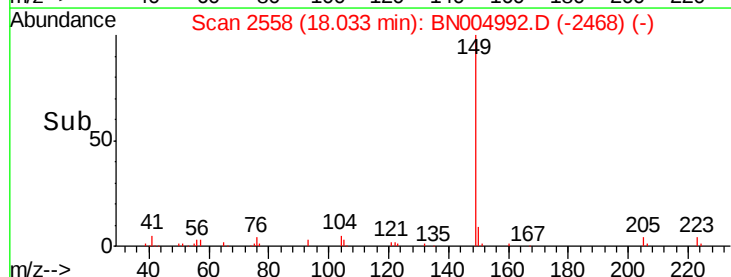
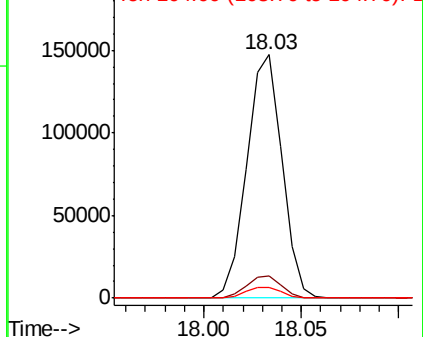
104 4.5 3.7 5.5

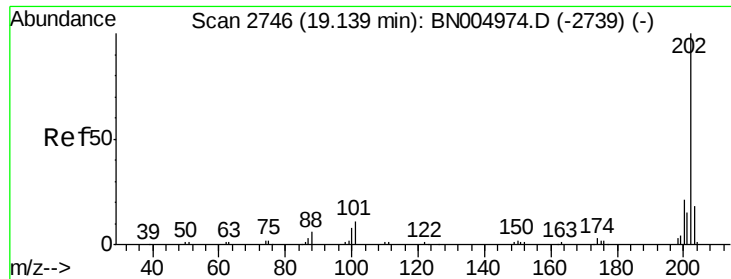


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 143.064 ng

RT: 19.15 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

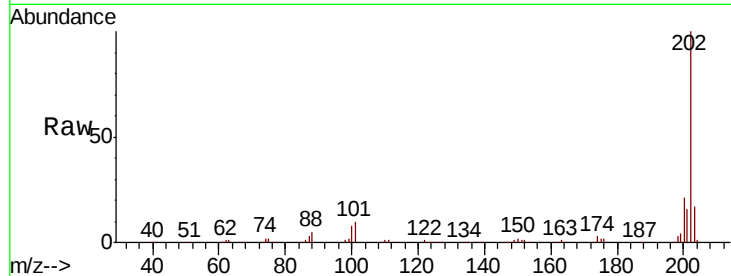
Tgt Ion:202 Resp: 442539

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

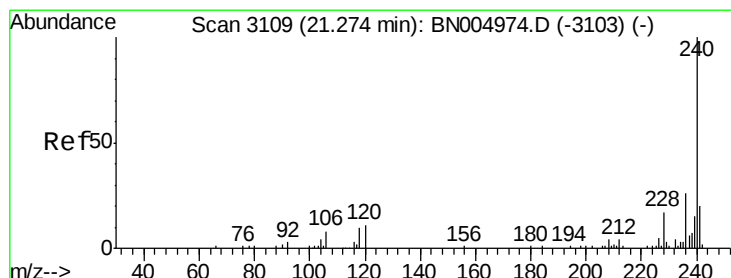
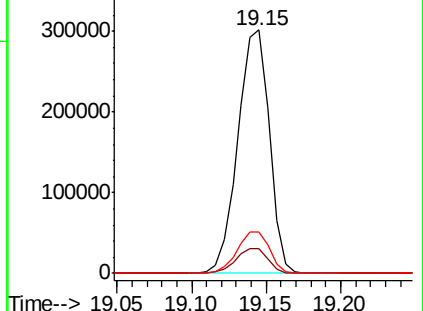
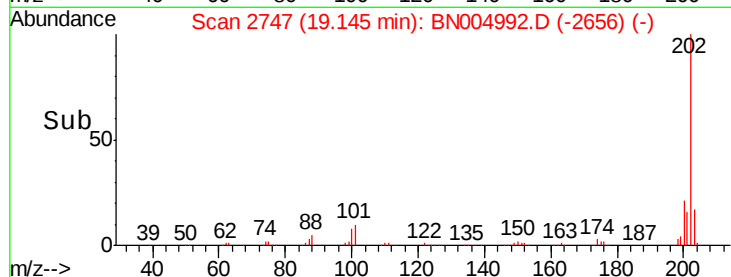
203 17.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

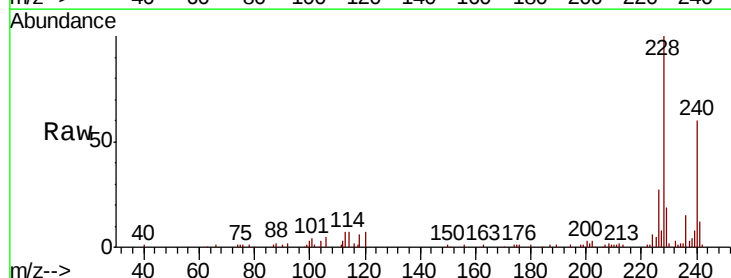
Tgt Ion:240 Resp: 46964

Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

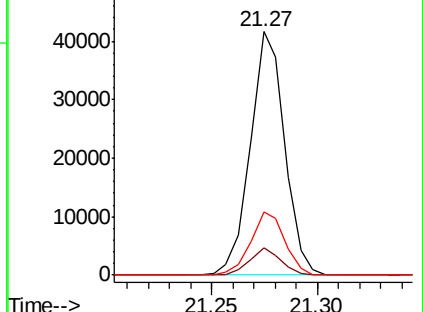
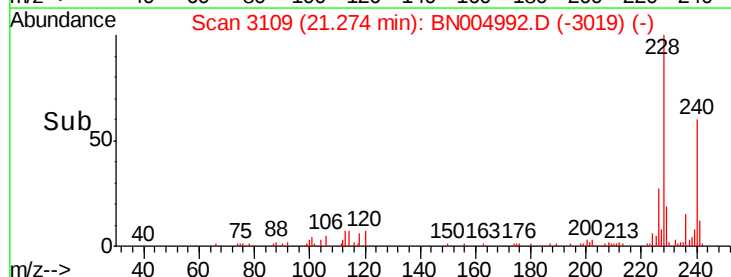
236 25.8 21.2 31.8

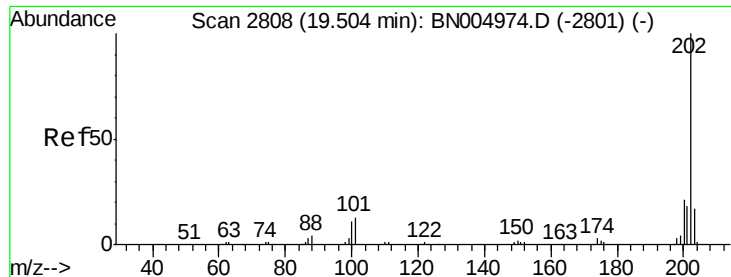


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 141.120 ng

RT: 19.15 min Scan# 2747

Delta R.T. -0.36 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

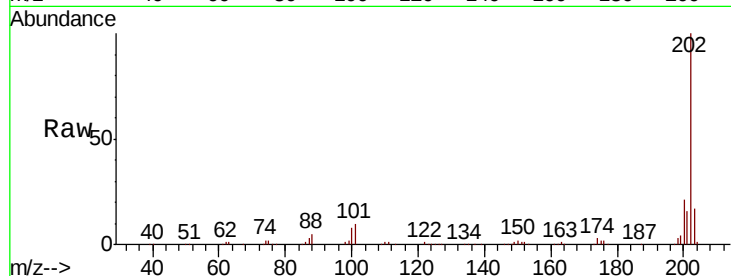
Tgt Ion:202 Resp: 442539

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

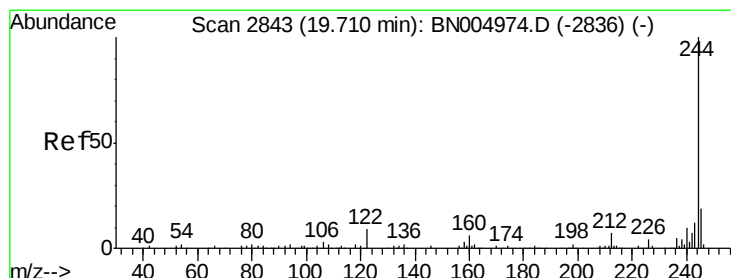
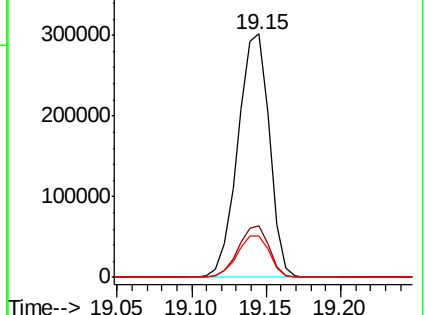
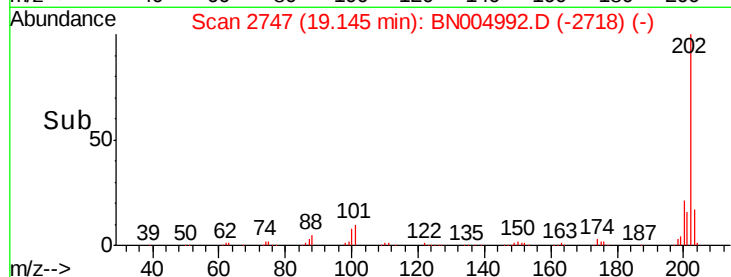
203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 100.199 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

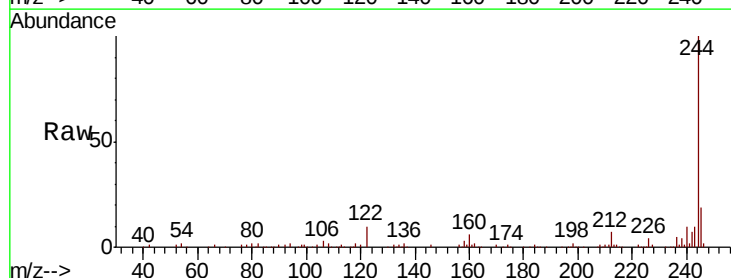
Tgt Ion:244 Resp: 244424

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

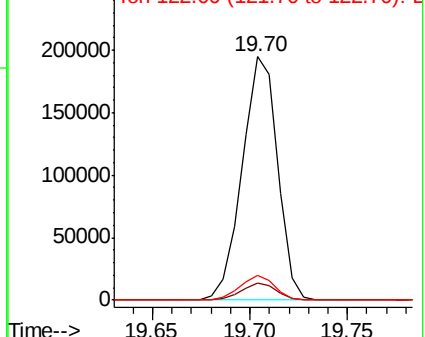
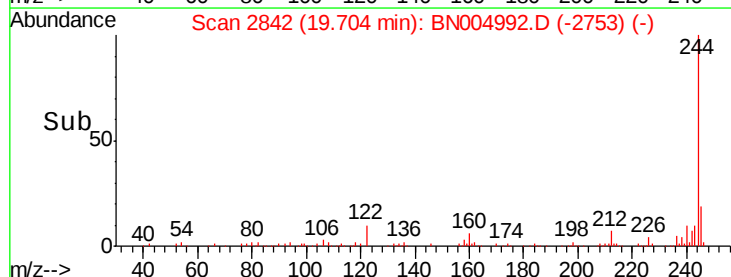
122 10.1 7.4 11.2

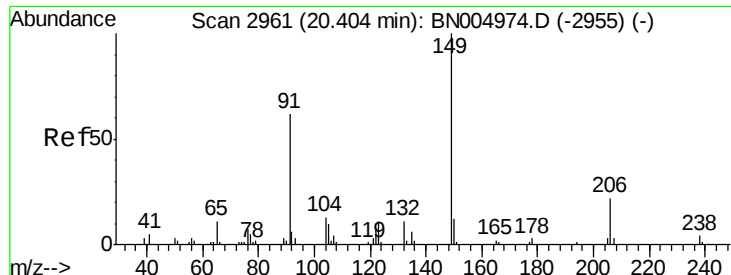


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

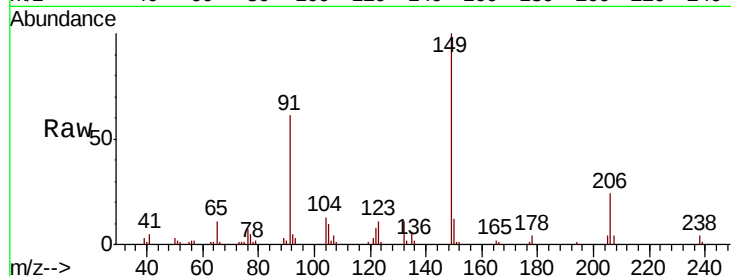




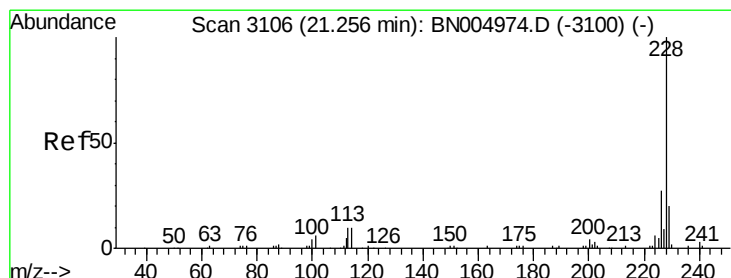
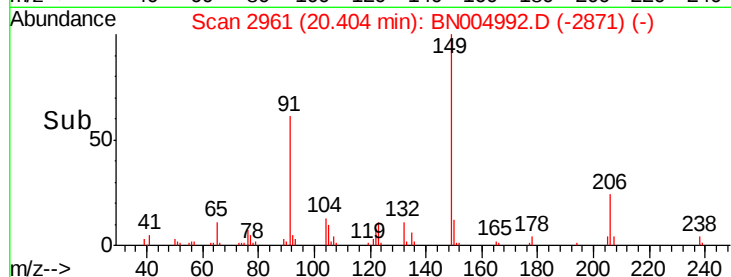
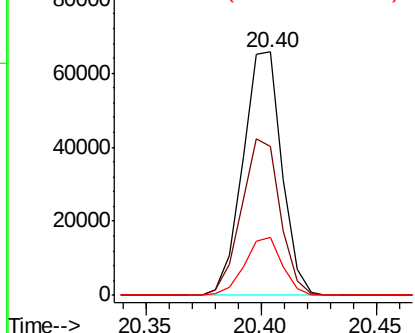
#80
Butylbenzylphthalate
Concen: 60.954 ng
RT: 20.40 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Instrument :
BNA_N
ClientSampleId :
PT-BN-WP

Tgt Ion:149 Resp: 77668
Ion Ratio Lower Upper
149 100
91 61.1 49.3 73.9
206 23.6 17.9 26.9

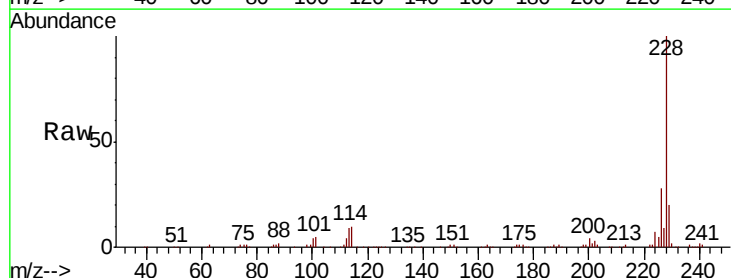


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

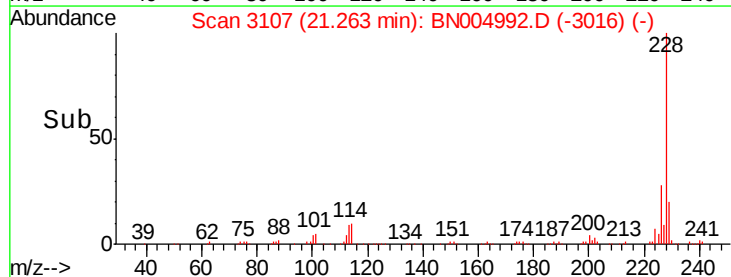
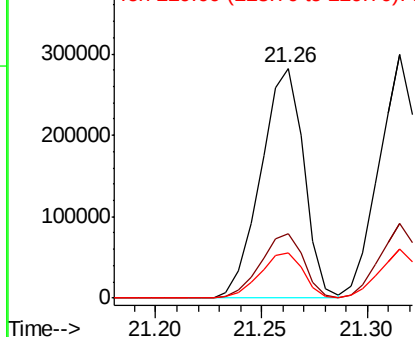


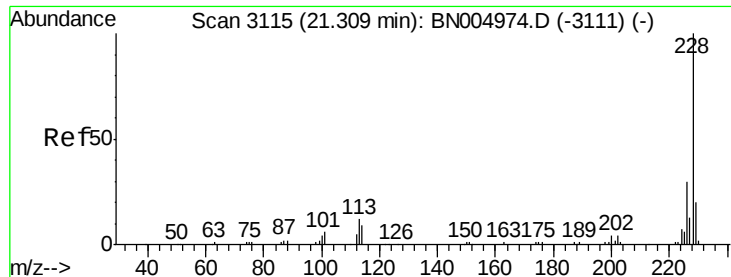
#81
Benzo(a)anthracene
Concen: 136.912 ng
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BN004992.D
Acq: 27 Mar 2019 10:49

Tgt Ion:228 Resp: 400520
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

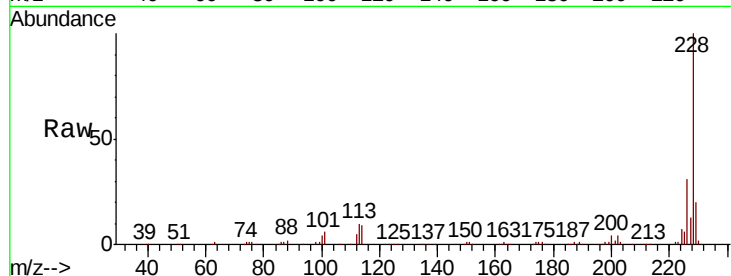




#83
Chrysene
 Concen: 131.857 ng
 RT: 21.32 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.0	15.8	23.8

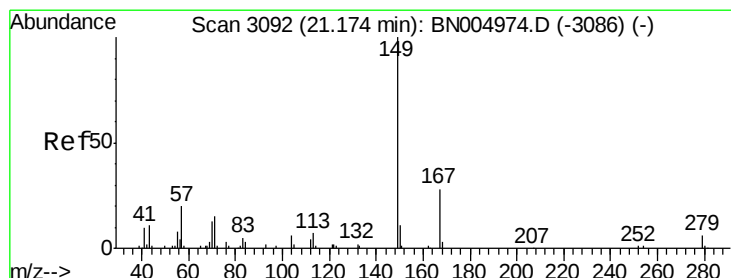
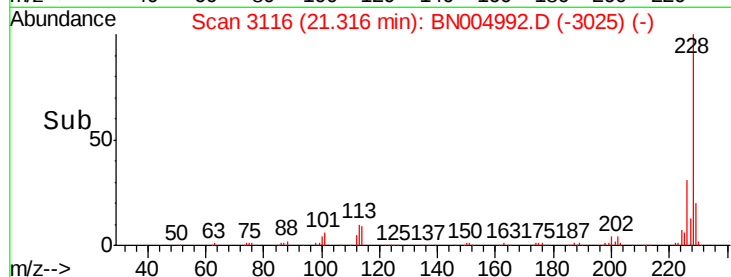
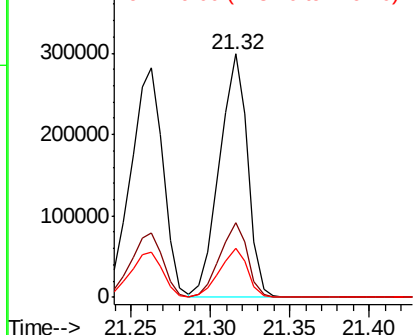


Abundance

Ion 228.00 (227.70 to 228.70): E

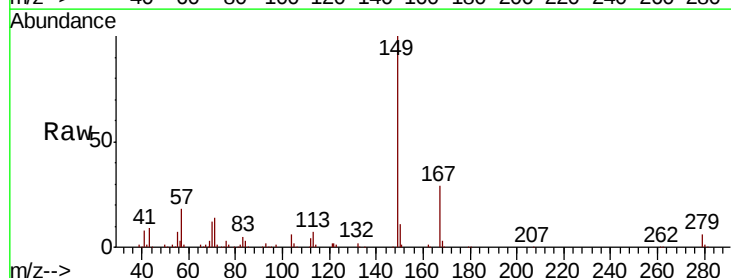
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
 Concen: 152.537 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN004992.D
 Acq: 27 Mar 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	6.3	4.5	6.7

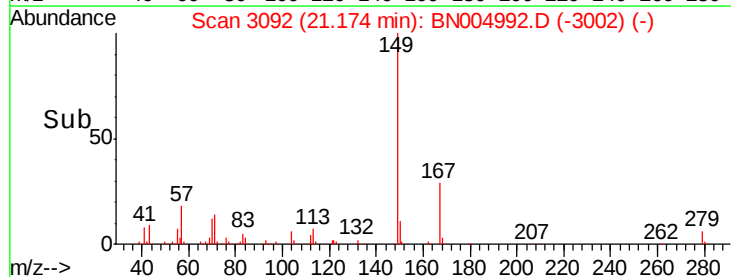
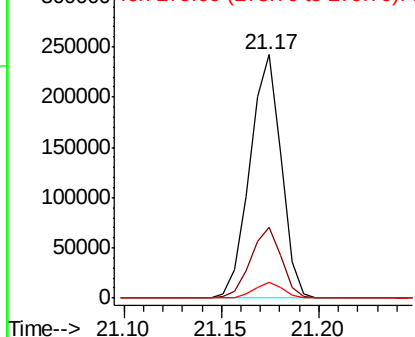


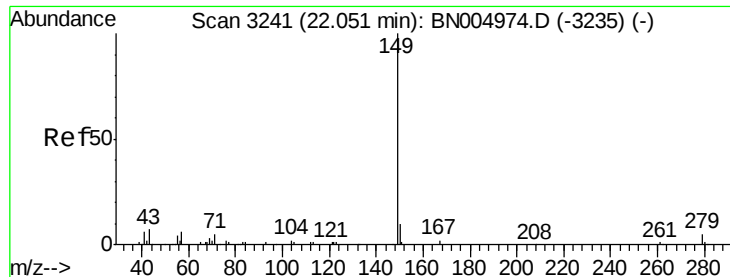
Abundance

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





#85

Di-n-octyl phthalate

Concen: 44.249 ng

RT: 22.05 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

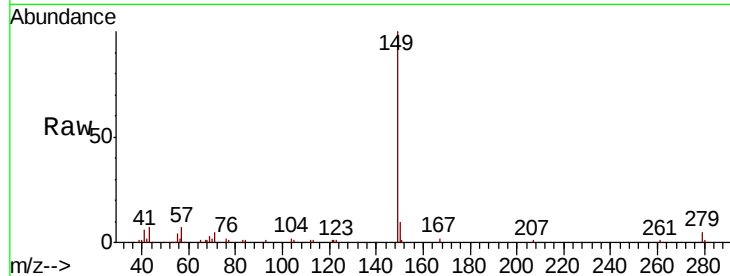
Tgt Ion:149 Resp: 125898

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

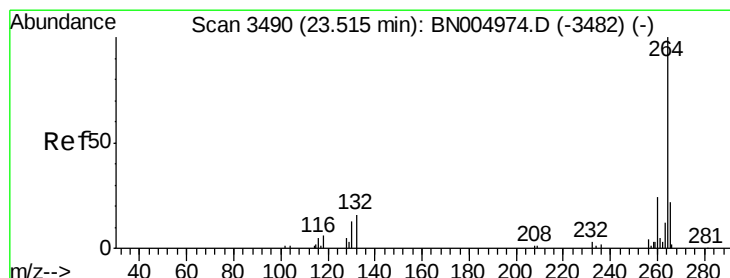
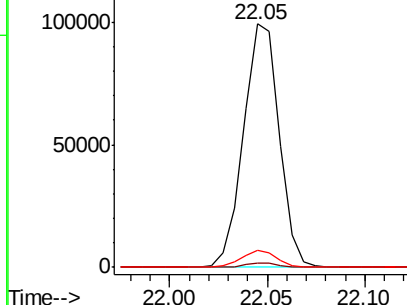
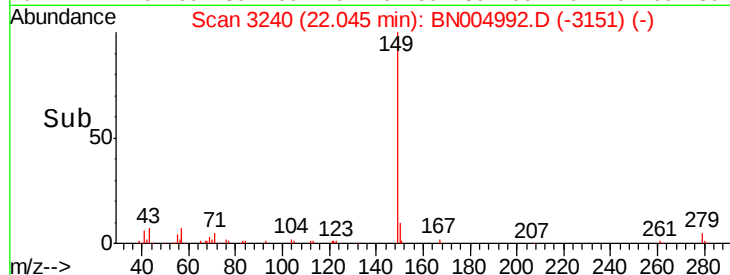
43 6.9 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

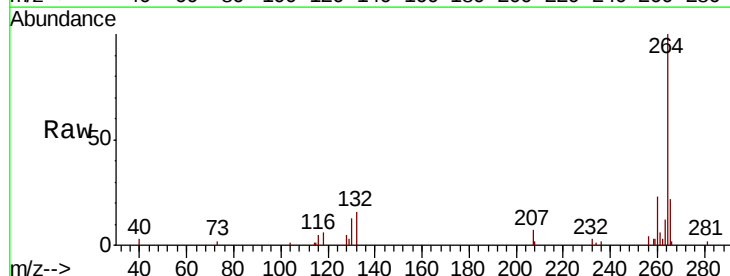
Tgt Ion:264 Resp: 45735

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

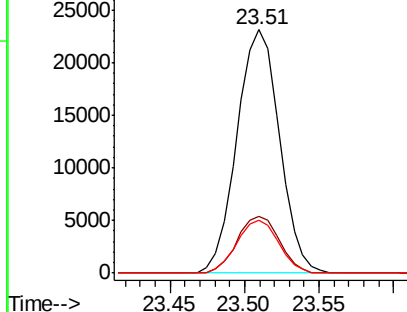
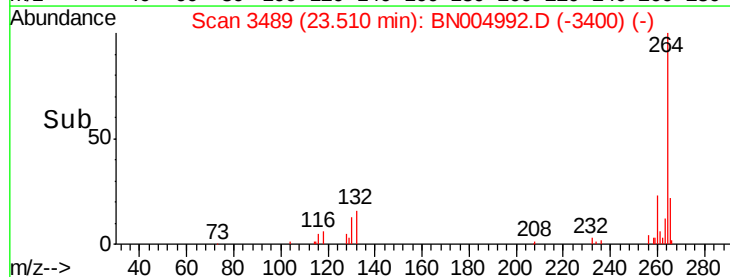
265 21.5 17.2 25.8

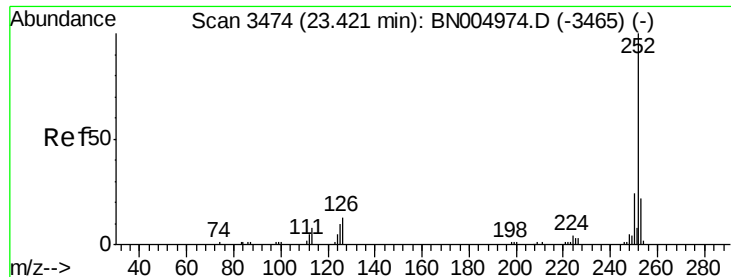


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 56.734 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

Instrument :

BNA_N

ClientSampleId :

PT-BN-WP

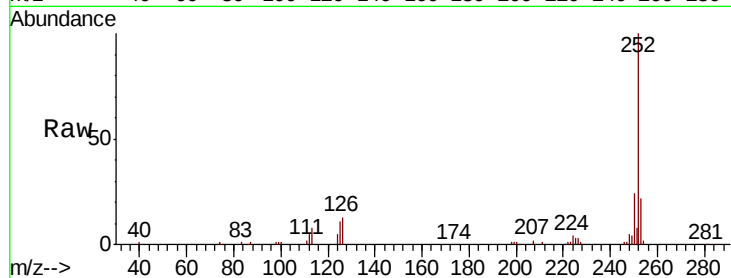
Tgt Ion:252 Resp: 146154

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

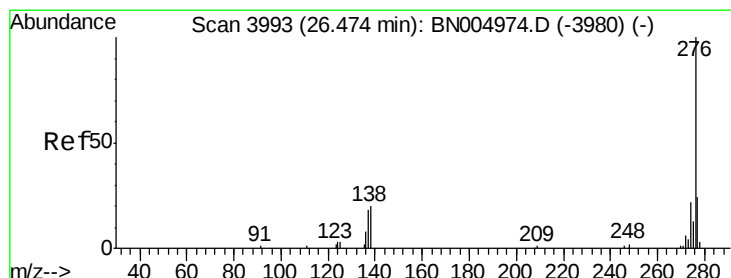
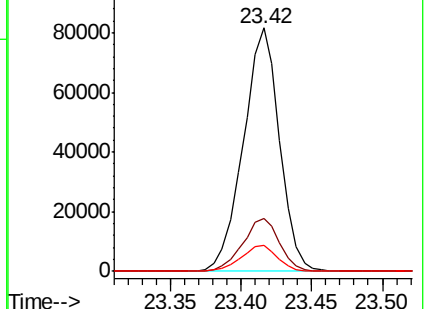
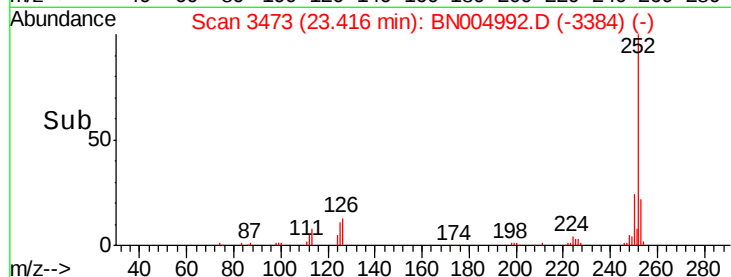
125 10.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 133.215 ng

RT: 26.49 min Scan# 3995

Delta R.T. 0.01 min

Lab File: BN004992.D

Acq: 27 Mar 2019 10:49

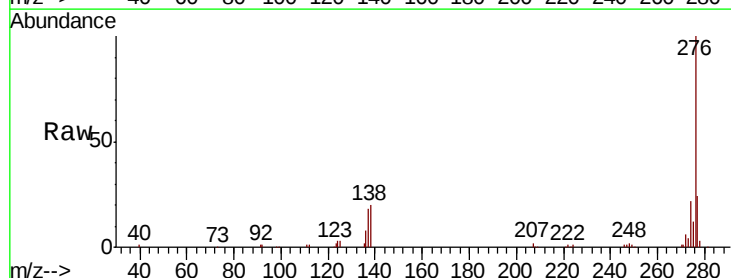
Tgt Ion:276 Resp: 340722

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 20.2 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

