

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004977.D
 Acq On : 26 Mar 2019 15:28
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 16:33:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 15:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9210	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38674	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	20395	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	42517	20.00	ng	0.00
76) Chrysene-d12	21.28	240	45815	20.00	ng	0.00
87) Perylene-d12	23.52	264	51638	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	85736	167.89	ng	0.00
7) Phenol-d6	6.86	99	109080	154.02	ng	0.00
23) Nitrobenzene-d5	8.85	82	102107	166.19	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	51529	169.48	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	245959	160.97	ng	0.00
79) Terphenyl-d14	19.71	244	337136	144.87	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.21	88	15929	80.703	ng	98
3) Pyridine	3.60	79	43488	73.701	ng	99
4) n-Nitrosodimethylamine	3.53	42	15200	84.431	ng	99
6) Aniline	7.02	93	69182	79.045	ng	99
8) 2-Chlorophenol	7.25	128	52807	81.699	ng	98
9) Benzaldehyde	6.83	77	28925	59.675	ng	99
10) Phenol	6.89	94	58505	76.565	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	45356	74.866	ng	98
12) 1,3-Dichlorobenzene	7.56	146	58335	79.993	ng	99
13) 1,4-Dichlorobenzene	7.72	146	58769	78.853	ng	100
14) 1,2-Dichlorobenzene	8.03	146	55784	77.384	ng	99
15) Benzyl Alcohol	7.93	79	41125	77.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	53407	68.743	ng	99
17) 2-Methylphenol	8.13	107	40310	76.451	ng	99
18) Hexachloroethane	8.74	117	20936	86.311	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	33903	71.104	ng	99
20) 3+4-Methylphenols	8.46	107	54313	73.970	ng	99
22) Acetophenone	8.51	105	69562	78.891	ng	# 99
24) Nitrobenzene	8.89	77	51708	82.012	ng	98
25) Isophorone	9.40	82	94796	89.097	ng	100
26) 2-Nitrophenol	9.59	139	30474	85.014	ng	99
27) 2,4-Dimethylphenol	9.65	122	40746	79.528	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	59954	80.934	ng	100
29) 2,4-Dichlorophenol	10.12	162	47604	78.965	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	53107	77.291	ng	99
31) Naphthalene	10.52	128	157952	83.904	ng	100
32) Benzoic acid	9.85	122	33956	69.471	ng	99
33) 4-Chloroaniline	10.64	127	63600	75.718	ng	100
34) Hexachlorobutadiene	10.78	225	34350	83.487	ng	99
35) Caprolactam	11.45	113	15018	70.646	ng	100
36) 4-Chloro-3-methylphenol	11.77	107	49215	77.066	ng	99
37) 2-Methylnaphthalene	12.13	142	108409	80.631	ng	99
38) 1-Methylnaphthalene	12.35	142	105531	81.036	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	59338	80.938	ng	100

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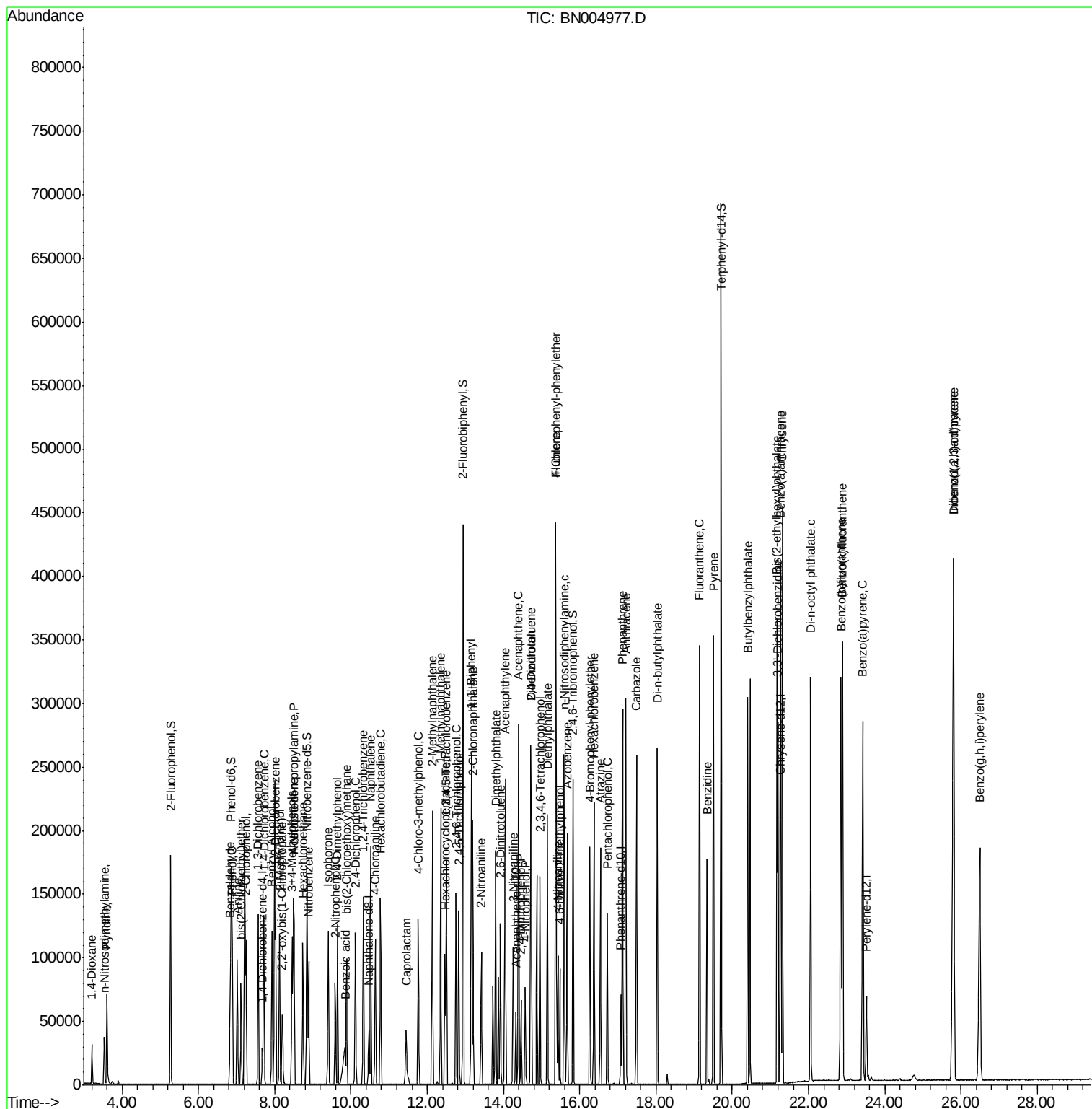
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	34132	86.299	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	36874	81.003	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	39908	82.185	ng	99
46) 1,1'-Biphenyl	13.16	154	138272	76.547	ng	99
47) 2-Chloronaphthalene	13.20	162	106870	78.635	ng	99
48) 2-Nitroaniline	13.42	65	28422	83.933	ng	99
49) Acenaphthylene	14.05	152	176418	87.990	ng	99
50) Dimethylphthalate	13.79	163	128992	80.734	ng	100
51) 2,6-Dinitrotoluene	13.92	165	30023	80.504	ng	98
52) Acenaphthene	14.39	154	98846	81.289	ng	100
53) 3-Nitroaniline	14.26	138	30685	76.963	ng	97
54) 2,4-Dinitrophenol	14.46	184	17362	84.125	ng	100
55) Dibenzofuran	14.73	168	155897	77.828	ng	99
56) 4-Nitrophenol	14.57	139	24822	81.484	ng	97
57) 2,4-Dinitrotoluene	14.72	165	40423	80.191	ng	97
58) Fluorene	15.38	166	123874	83.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	36188	82.573	ng	# 99
60) Diethylphthalate	15.16	149	126719	74.960	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	64374	73.876	ng	99
62) 4-Nitroaniline	15.43	138	30647	76.598	ng	99
63) Azobenzene	15.67	77	107148	77.651	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	23183	76.154	ng	97
66) n-Nitrosodiphenylamine	15.59	169	106691	79.225	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	42511	79.269	ng	98
68) Hexachlorobenzene	16.37	284	49866	79.891	ng	100
69) Atrazine	16.55	200	36831	73.115	ng	98
70) Pentachlorophenol	16.73	266	27390	65.841	ng	99
71) Phenanthrene	17.12	178	189215	85.188	ng	100
72) Anthracene	17.21	178	188637	86.888	ng	100
73) Carbazole	17.49	167	170849	80.184	ng	99
74) Di-n-butylphthalate	18.03	149	204403	81.301	ng	100
75) Fluoranthene	19.15	202	217795	90.963	ng	99
77) Benzidine	19.34	184	101821	64.264	ng	98
78) Pyrene	19.51	202	221551	71.640	ng	99
80) Butylbenzylphthalate	20.40	149	92085	69.477	ng	98
81) Benzo(a)anthracene	21.26	228	221385	84.947	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	84387	77.694	ng	100
83) Chrysene	21.32	228	215227	86.348	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	130579	67.937	ng	99
85) Di-n-octyl phthalate	22.06	149	227064	79.542	ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	298813	113.560	ng	100
88) Benzo(b)fluoranthene	22.85	252	237119	82.478	ng	99
89) Benzo(k)fluoranthene	22.89	252	226602	79.207	ng	99
90) Benzo(a)pyrene	23.43	252	227918	85.562	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	245373	90.458	ng	99
92) Benzo(g,h,i)perylene	26.49	276	245692	93.141	ng	98

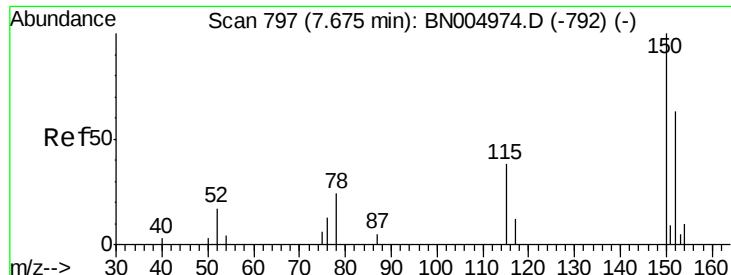
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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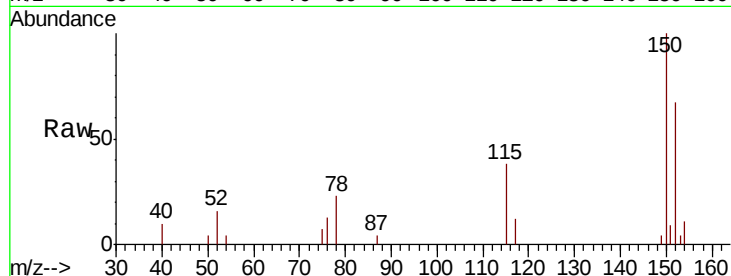


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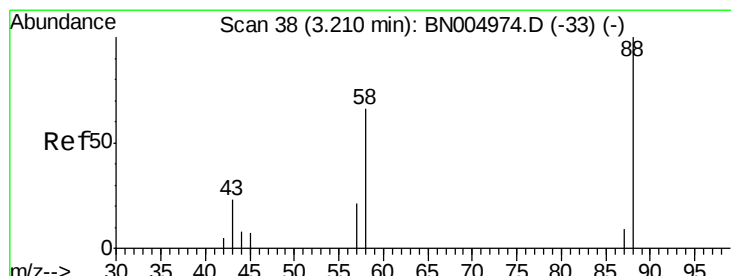
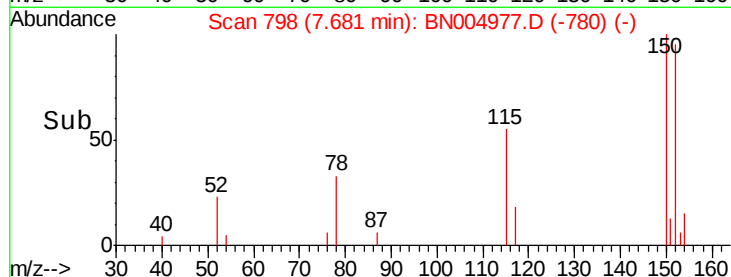
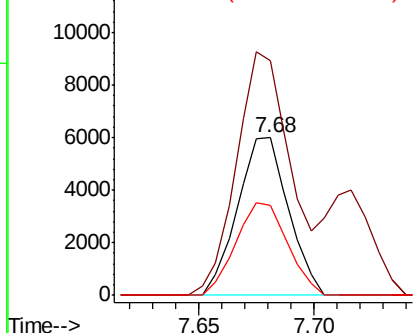
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 798
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9210
Ion Ratio Lower Upper
152 100
150 149.1 126.9 190.3
115 57.2 47.8 71.6



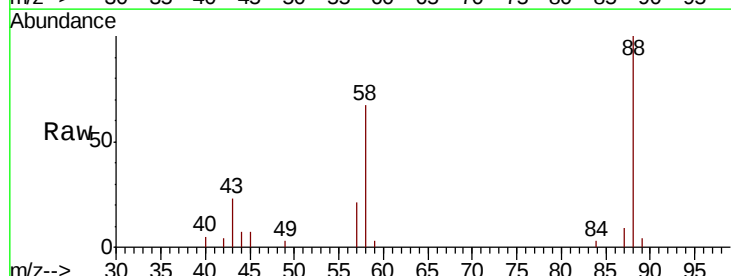
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



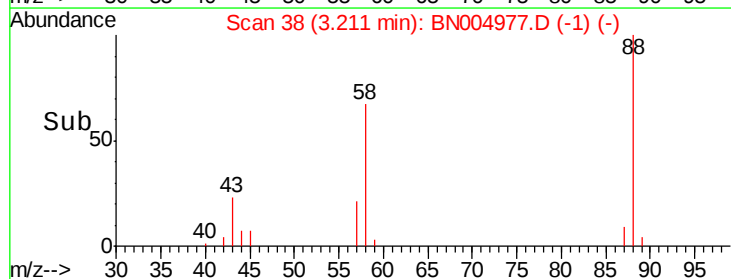
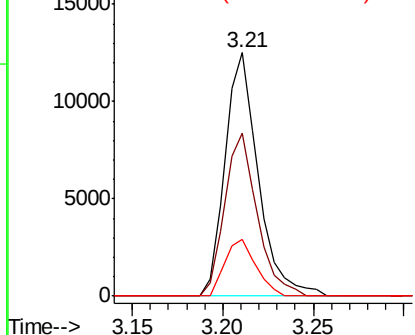
#2

1,4-Dioxane
Concen: 80.703 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion: 88 Resp: 15929
Ion Ratio Lower Upper
88 100
58 65.6 51.0 76.6
43 21.9 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

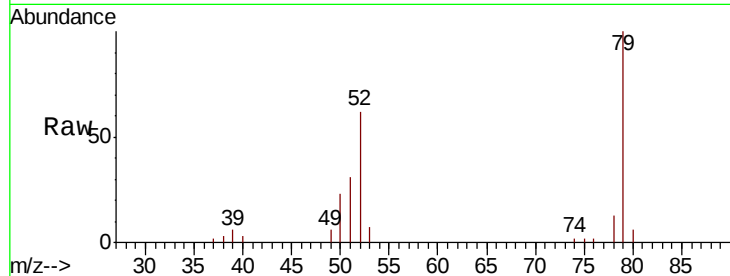




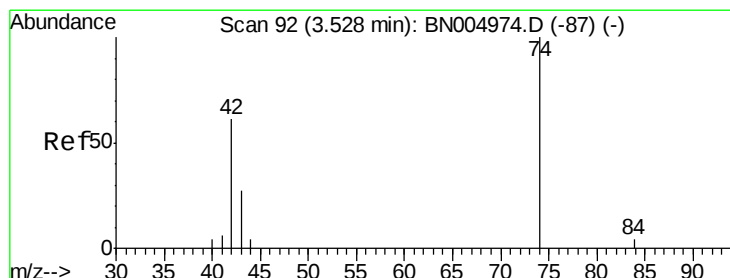
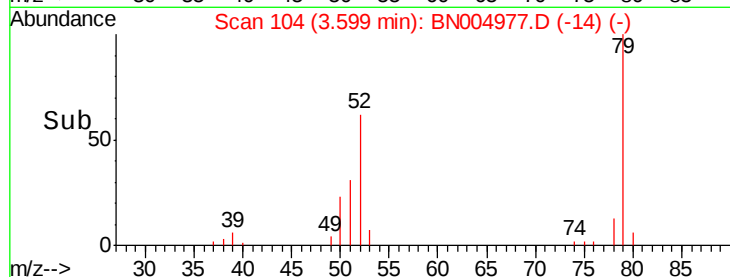
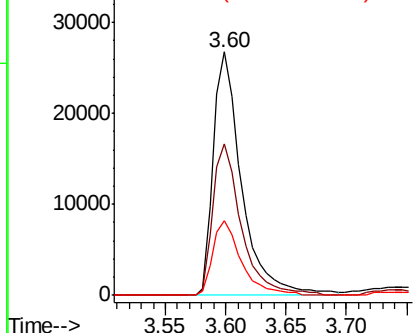
#3
 Pvridine
 Concen: 73.701 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 79 Resp: 43488
 Ion Ratio Lower Upper
 79 100
 52 62.0 50.2 75.4
 51 30.6 25.0 37.4

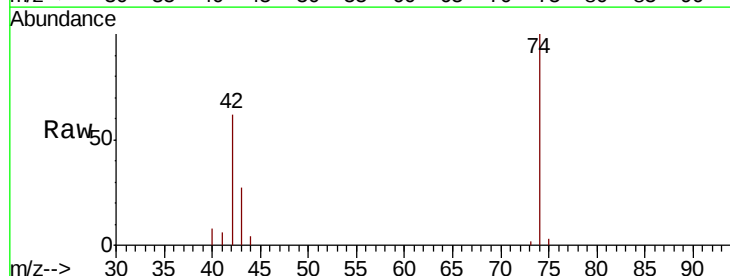


Abundance Ion 79.00 (78.70 to 79.70): BNC
 Ion 52.00 (51.70 to 52.70): BNC
 Ion 51.00 (50.70 to 51.70): BNC

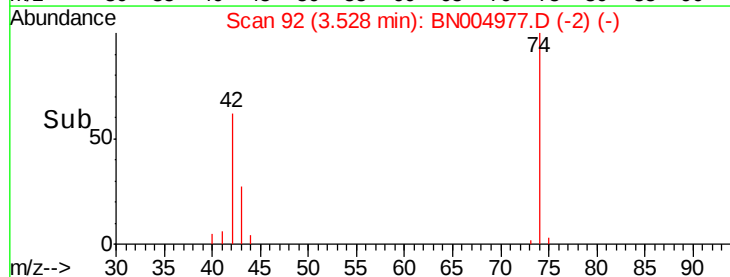
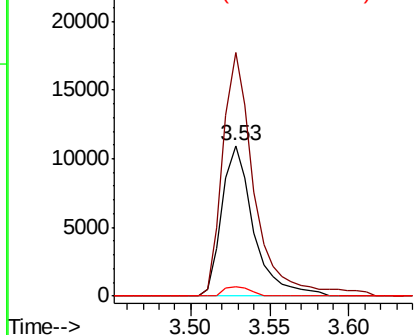


#4
 n-Nitrosodimethylamine
 Concen: 84.431 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion: 42 Resp: 15200
 Ion Ratio Lower Upper
 42 100
 74 161.8 130.8 196.2
 44 6.6 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: 167.895 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampled :

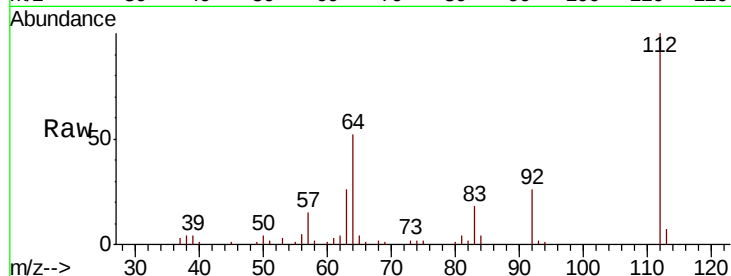
Tot Ion:112 Resp: 85736

Ion Ratio Lower Upper

112 100

64 51.9 41.9 62.9

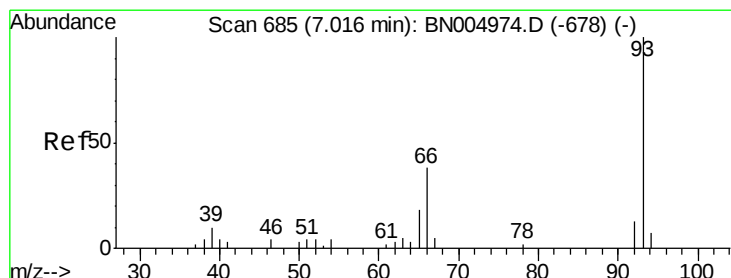
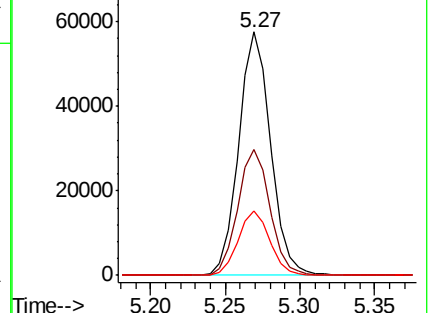
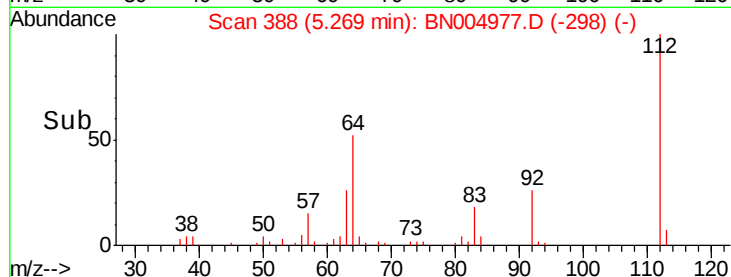
63 26.3 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 79.045 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

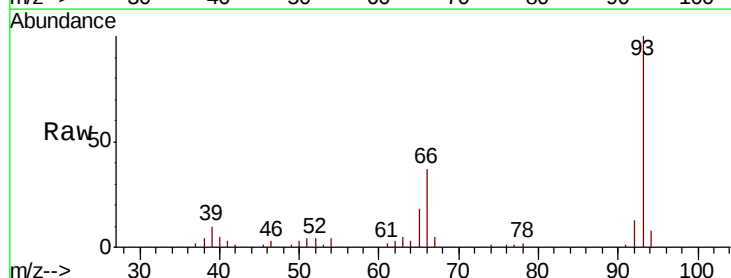
Tgt Ion: 93 Resp: 69182

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.4

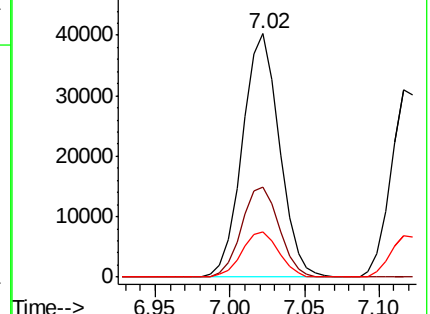
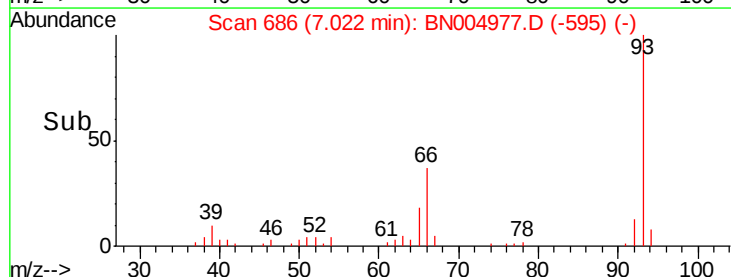
65 18.5 14.7 22.1

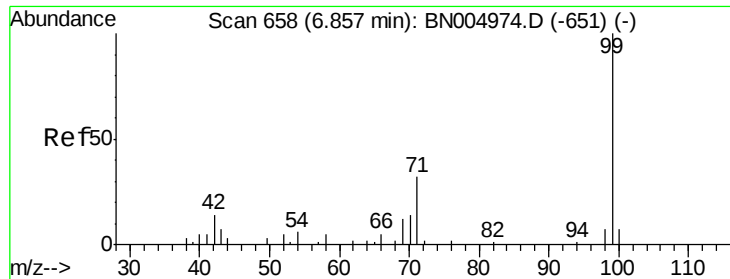


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 154.023 ng

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

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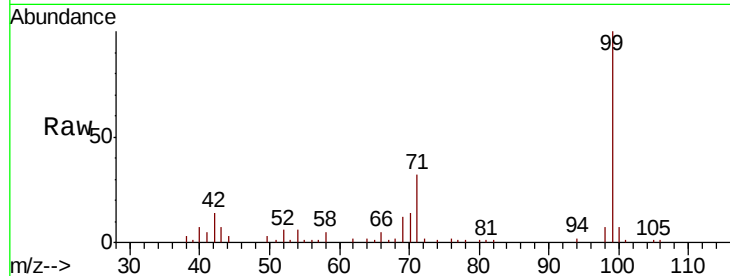
Tot Ion: 99 Resp: 109080

Ion Ratio Lower Upper

99 100

42 14.3 11.4 17.0

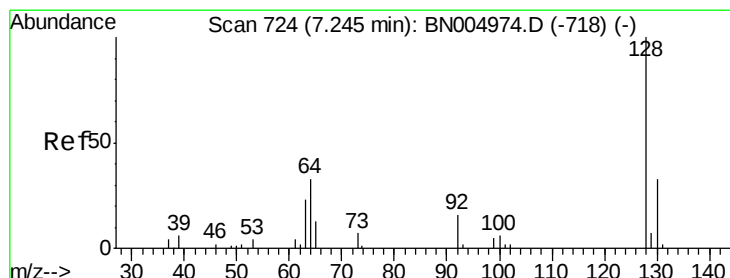
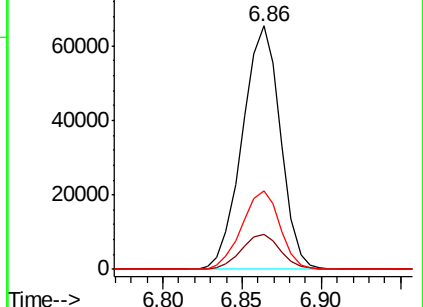
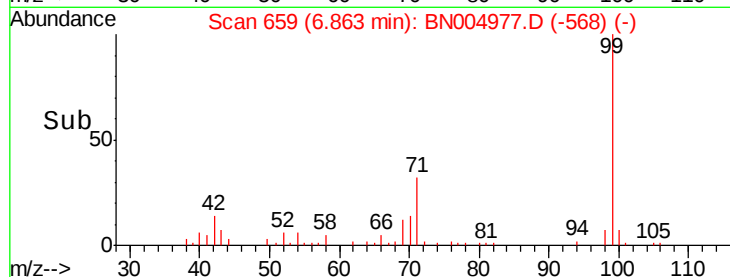
71 32.0 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004977.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004977.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004977.D (-651) (-)



#8

2-Chlorophenol

Concen: 81.699 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

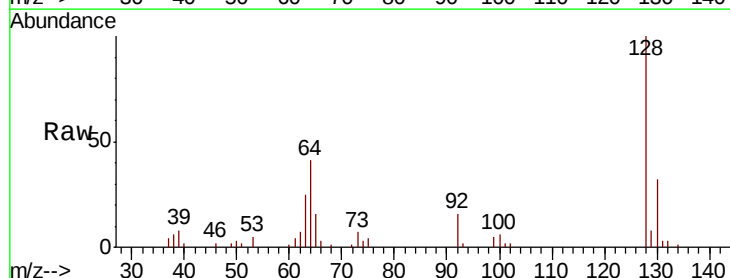
Tgt Ion: 128 Resp: 52807

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

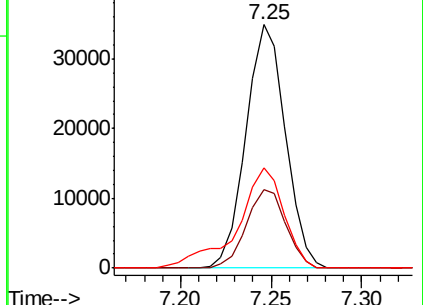
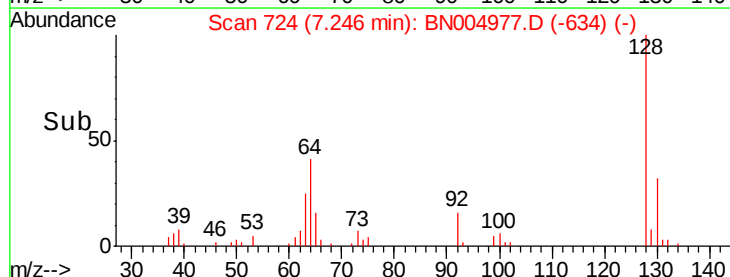
64 41.2 19.9 59.9

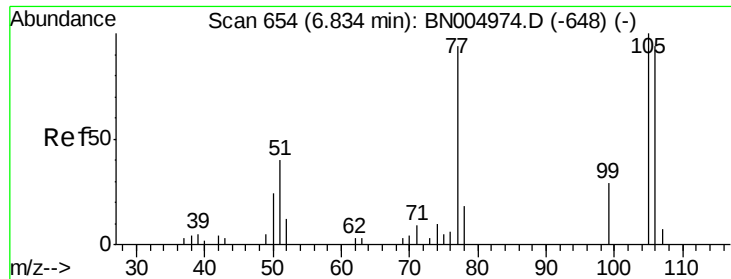


Abundance Ion 128.00 (127.70 to 128.70): BN004977.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004977.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004977.D (-634) (-)





#9

Benzaldehyde

Concen: 59.675 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004977.D

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ClientSampled :

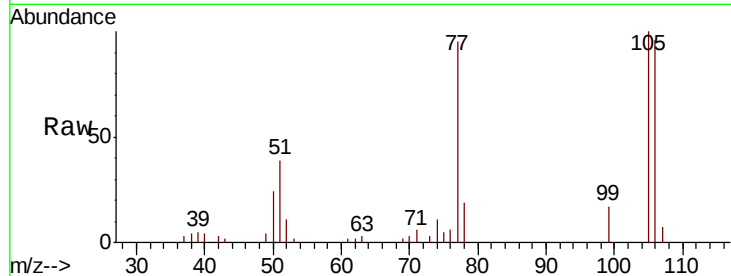
Tot Ion: 77 Resp: 28925

Ion Ratio Lower Upper

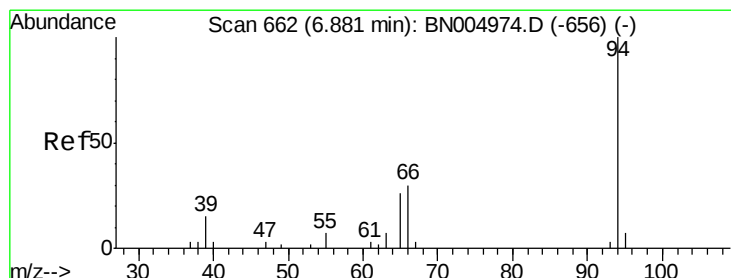
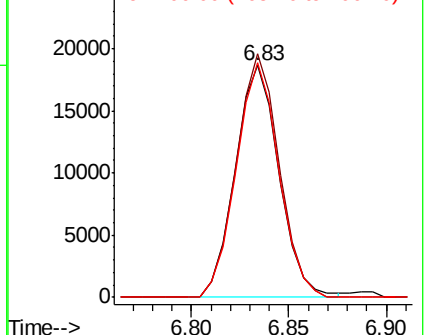
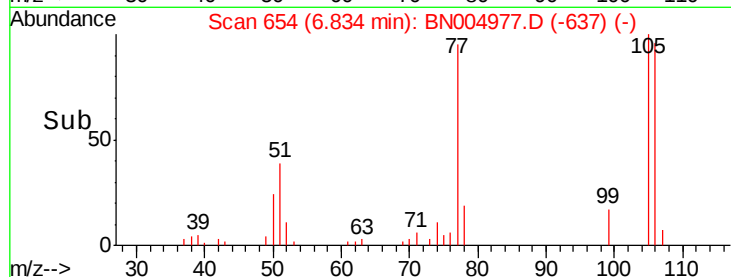
77 100

105 105.0 86.1 126.1

106 101.2 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 76.565 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

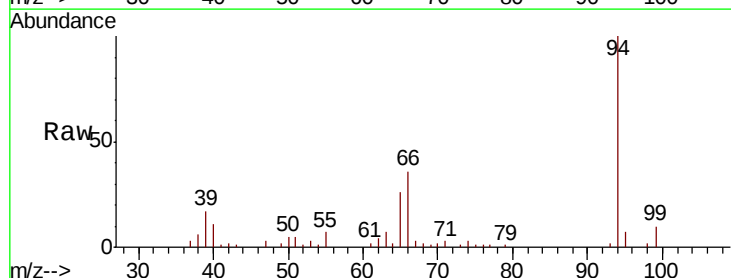
Tgt Ion: 94 Resp: 58505

Ion Ratio Lower Upper

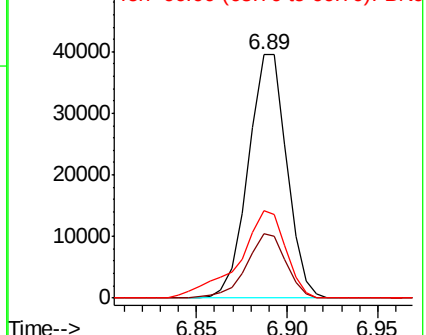
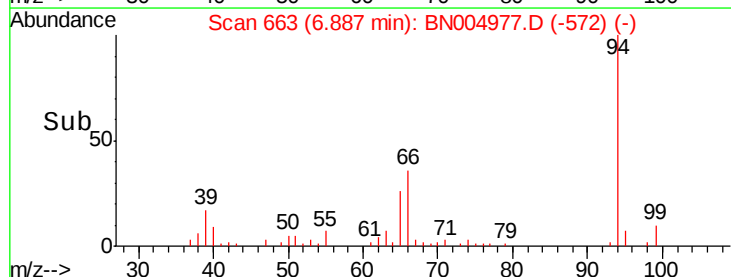
94 100

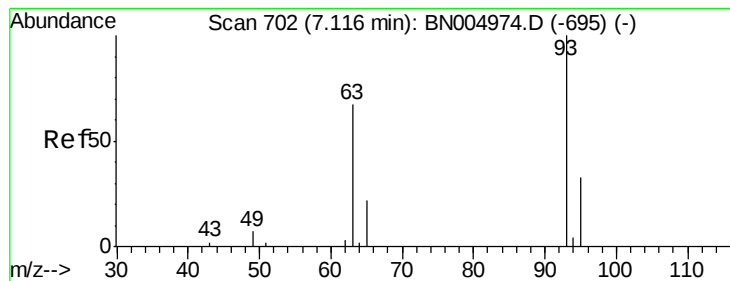
65 26.4 5.7 45.7

66 36.0 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 74.866 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

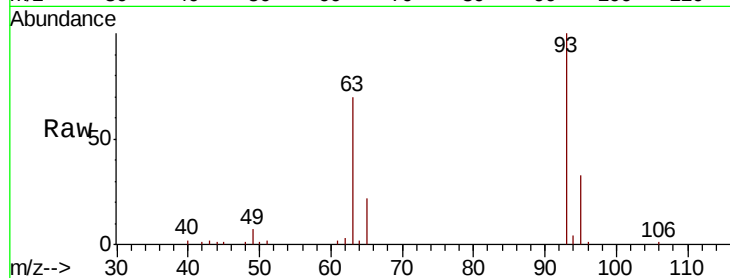
Tot Ion: 93 Resp: 45356

Ion Ratio Lower Upper

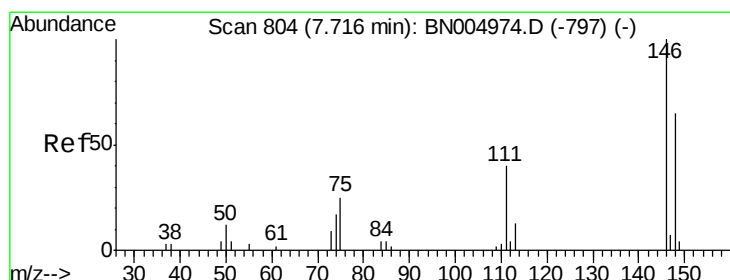
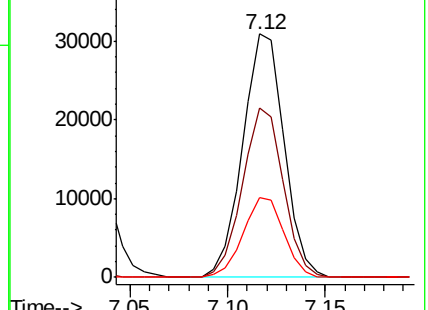
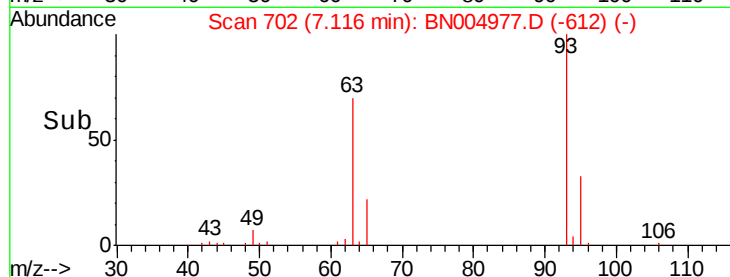
93 100

63 69.7 47.0 87.0

95 32.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004977.D (-612) (-)



#12

1,3-Dichlorobenzene

Concen: 79.993 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

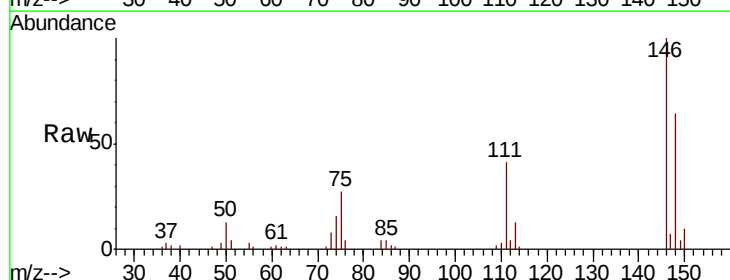
Tgt Ion: 146 Resp: 58335

Ion Ratio Lower Upper

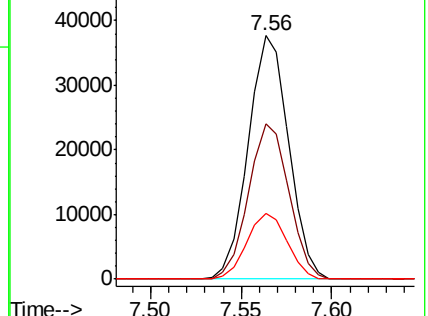
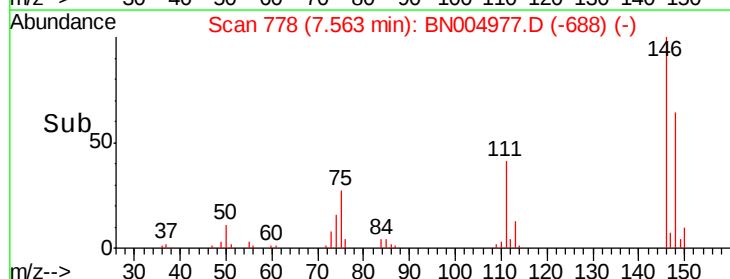
146 100

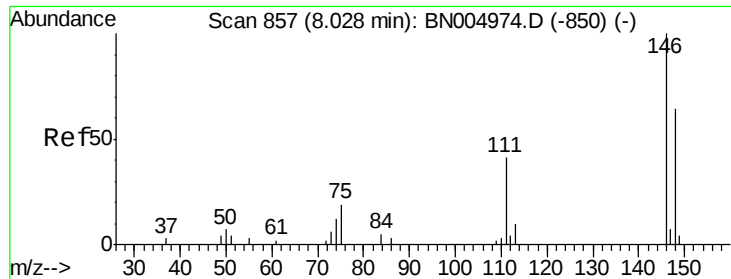
148 63.8 50.6 75.8

75 27.0 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): BN004977.D (-688) (-)

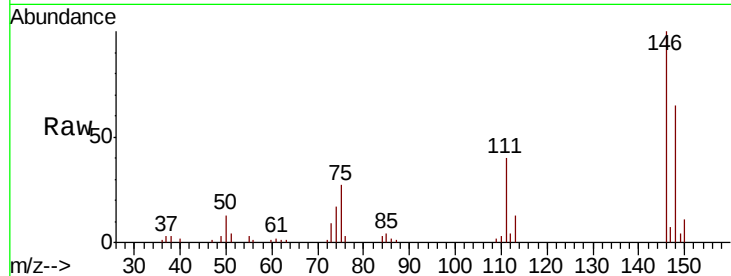




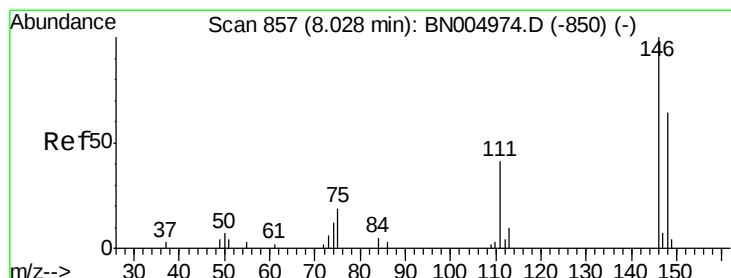
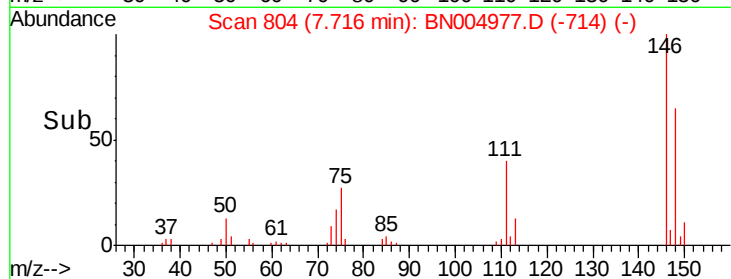
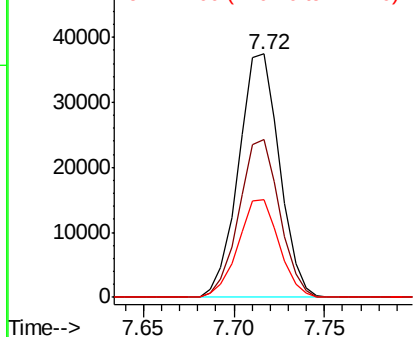
#13
 1,4-Dichlorobenzene
 Concen: 78.853 ng
 RT: 7.72 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:146 Resp: 58769
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.0 31.7 47.5

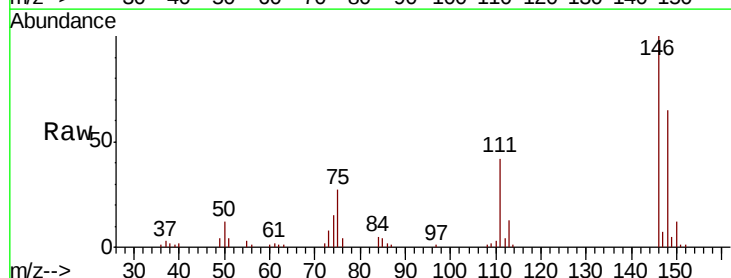


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

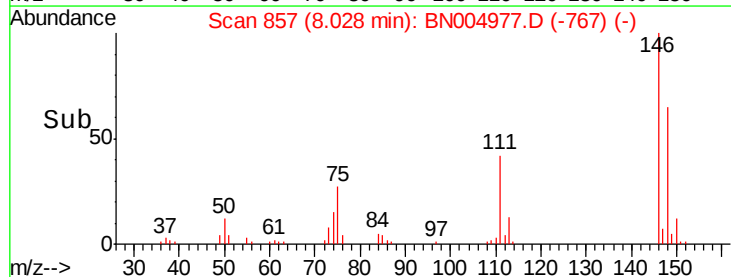
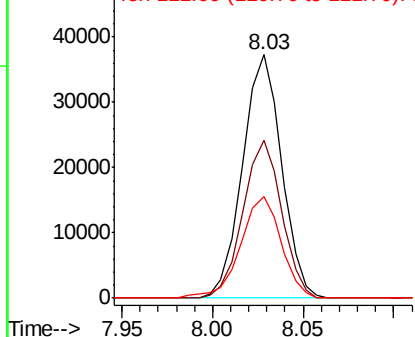


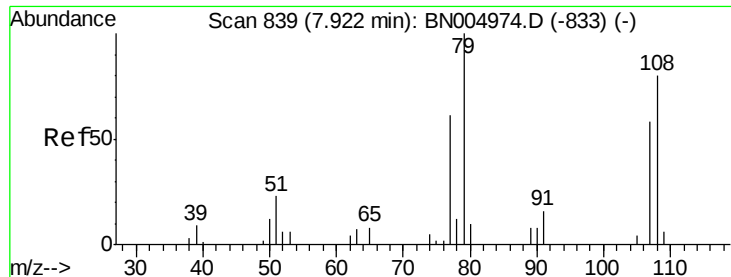
#14
 1,2-Dichlorobenzene
 Concen: 77.384 ng
 RT: 8.03 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:146 Resp: 55784
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 111 41.7 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





#15

Benzyl Alcohol

Concen: 77.911 ng

RT: 7.93 min Scan# 840

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

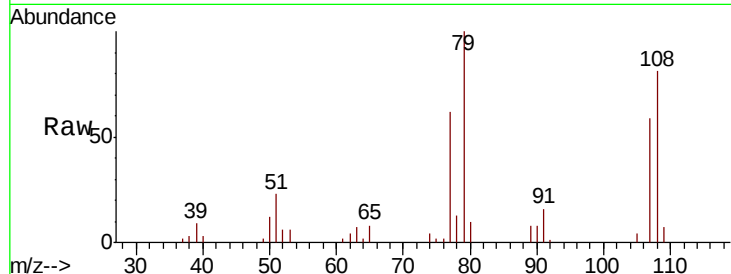
Tot Ion: 79 Resp: 41125

Ion Ratio Lower Upper

79 100

108 80.7 64.0 96.0

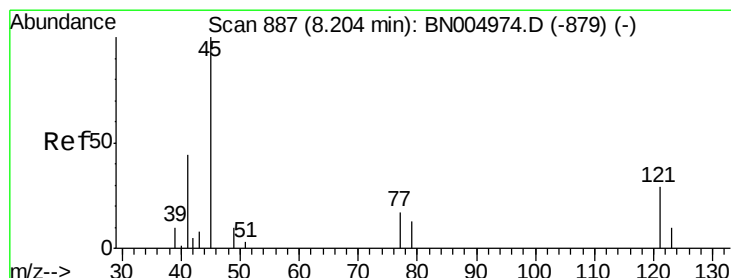
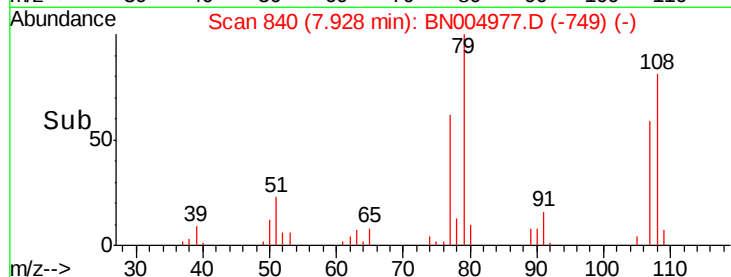
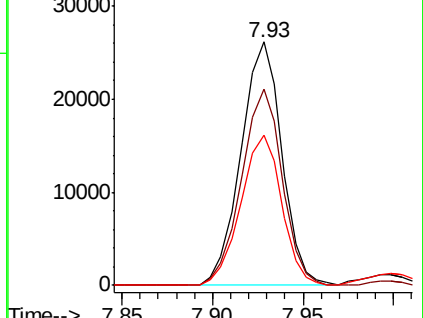
77 61.5 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BN004977.D (-749) (-)

Ion 108.00 (107.70 to 108.70): BN004977.D (-749) (-)

Ion 77.00 (76.70 to 77.70): BN004977.D (-749) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 68.743 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

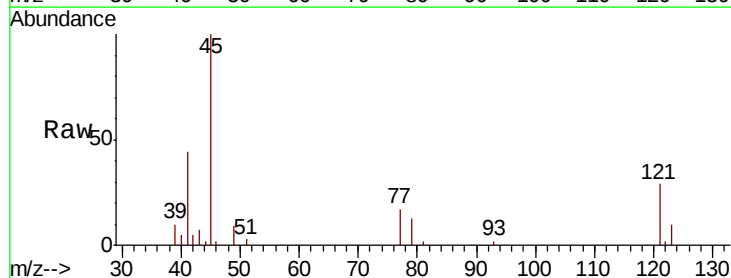
Tgt Ion: 45 Resp: 53407

Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.9

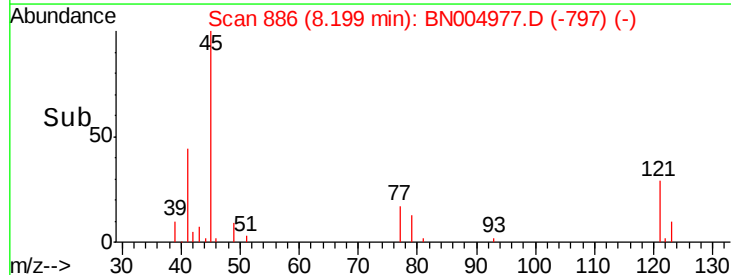
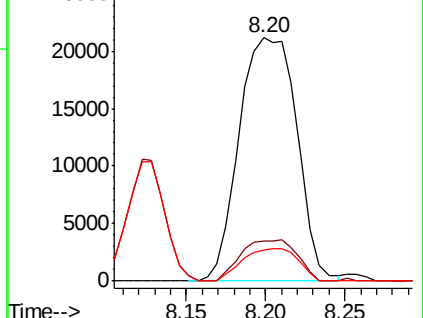
79 12.6 0.0 33.3

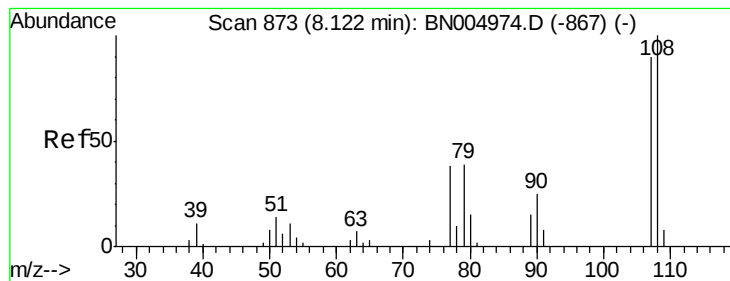


Abundance Ion 45.00 (44.70 to 45.70): BN004977.D (-797) (-)

Ion 77.00 (76.70 to 77.70): BN004977.D (-797) (-)

Ion 79.00 (78.70 to 79.70): BN004977.D (-797) (-)

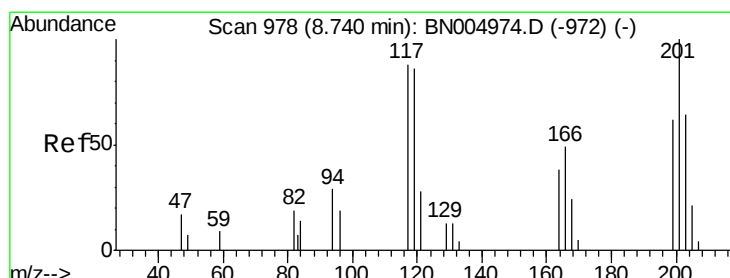
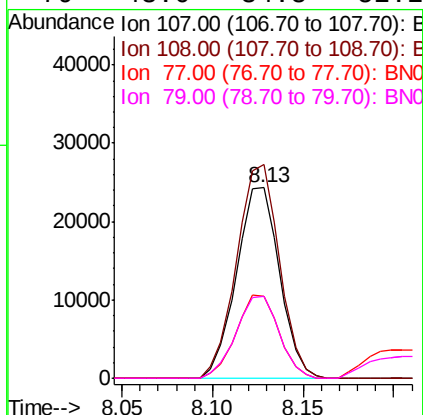
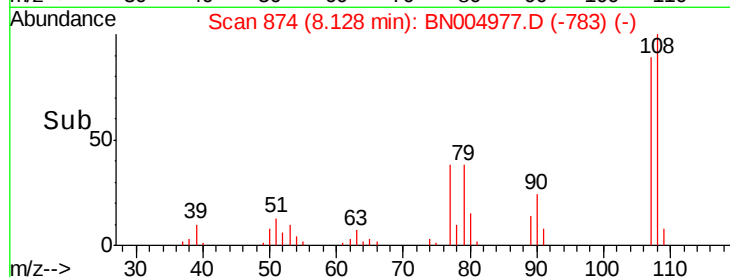
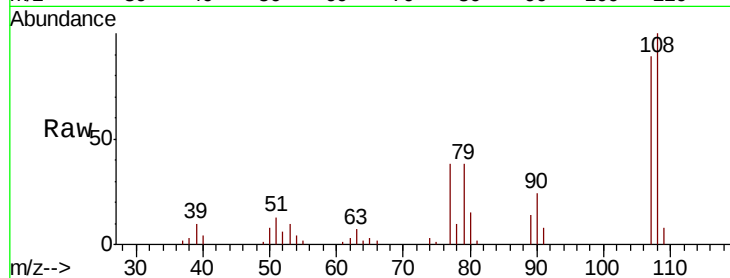




#17
2-Methylphenol
Concen: 76.451 ng
RT: 8.13 min Scan# 874
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

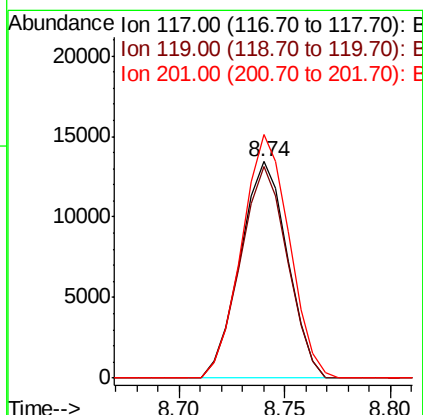
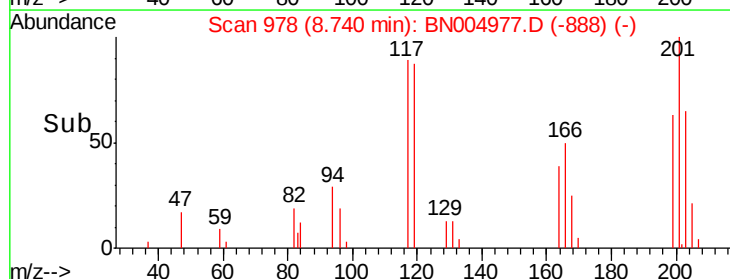
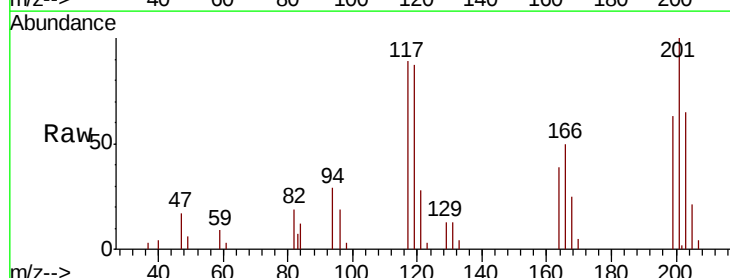
Instrument :
BNA_N
ClientSampleId :

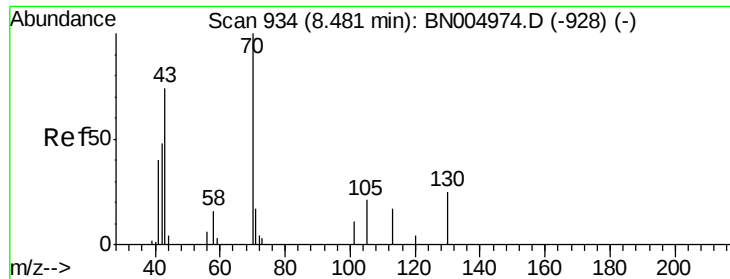
Tot Ion:107 Resp: 40310
Ion Ratio Lower Upper
107 100
108 112.3 88.8 133.2
77 43.0 34.2 51.2
79 43.0 34.8 52.2



#18
Hexachloroethane
Concen: 86.311 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:117 Resp: 20936
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 112.4 90.5 135.7

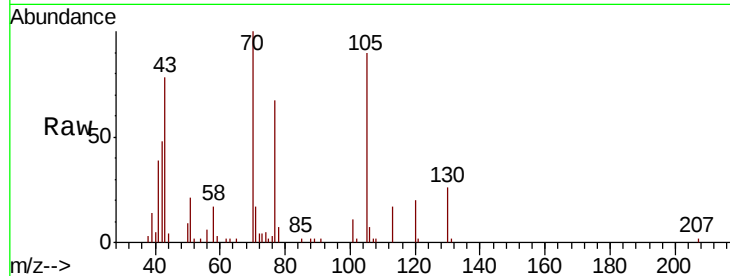




#19
n-Nitroso-di-n-propylamine
Concen: 71.104 ng
RT: 8.49 min Scan# 936
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	70	Resp:	33903
Ion	Ratio	Lower	Upper
70	100		
42	48.2	38.4	57.6
101	10.9	8.8	13.2
130	26.1	19.8	29.8



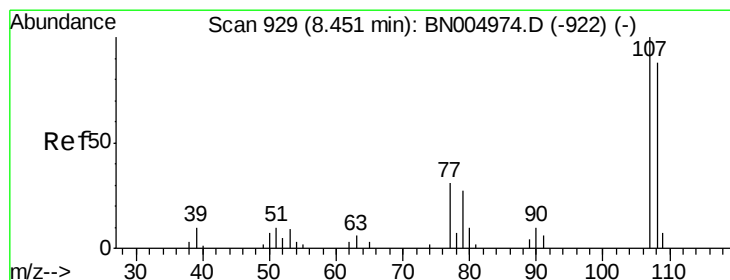
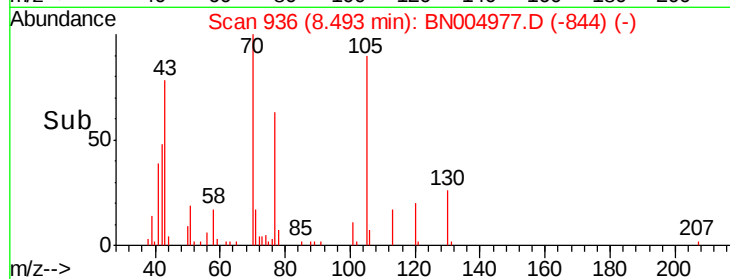
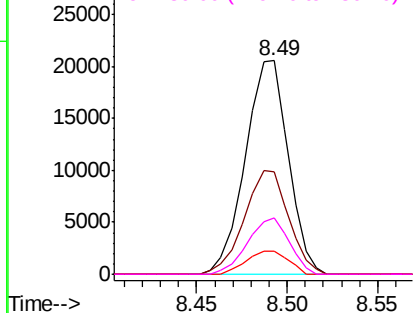
Abundance

Ion 70.00 (69.70 to 70.70): BN004977.D (-844) (-)

Ion 42.00 (41.70 to 42.70): BN004977.D (-844) (-)

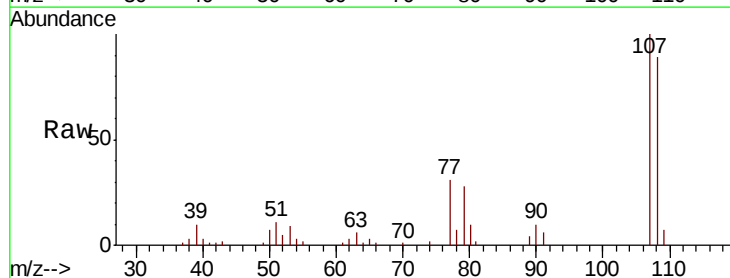
Ion 101.00 (100.70 to 101.70): BN004977.D (-844) (-)

Ion 130.00 (129.70 to 130.70): BN004977.D (-844) (-)



#20
3+4-Methylphenols
Concen: 73.970 ng
RT: 8.46 min Scan# 930
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:	107	Resp:	54313
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.9	107.9
77	30.7	10.6	50.6
79	27.5	6.8	46.8



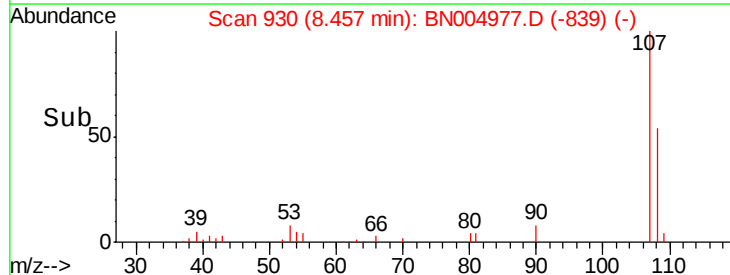
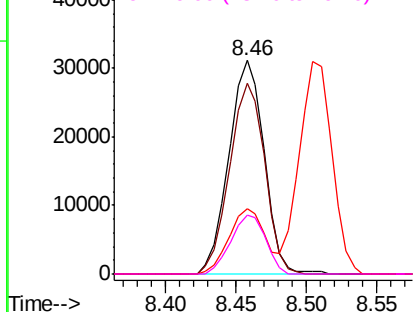
Abundance

Ion 107.00 (106.70 to 107.70): BN004977.D (-839) (-)

Ion 108.00 (107.70 to 108.70): BN004977.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BN004977.D (-839) (-)

Ion 79.00 (78.70 to 79.70): BN004977.D (-839) (-)

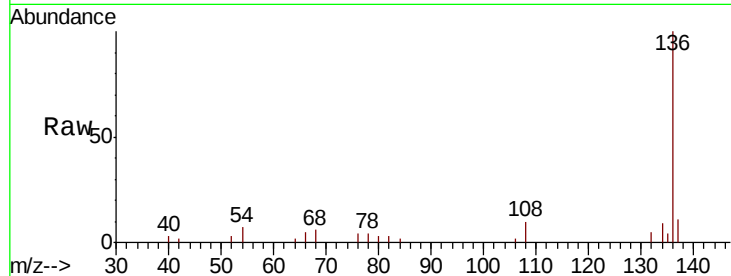




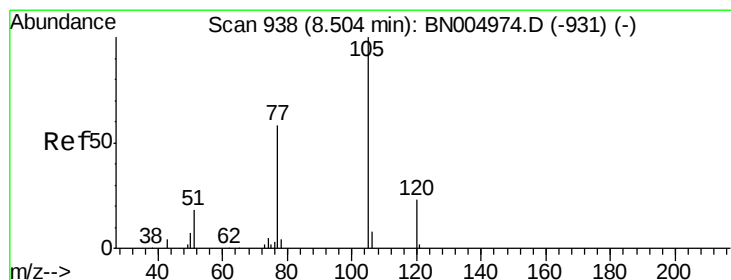
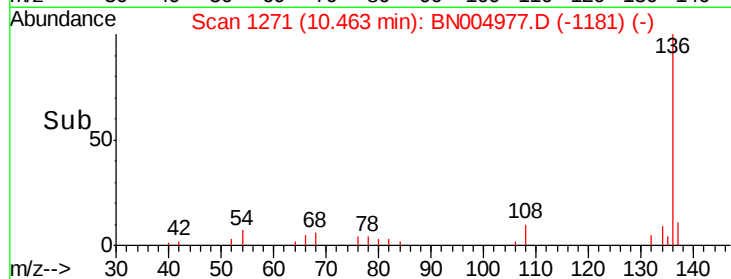
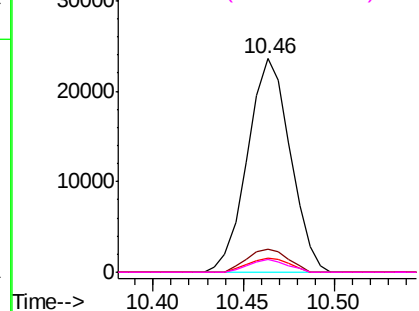
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	38674
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	6.8	5.3 7.9
68	5.8	4.6 6.8

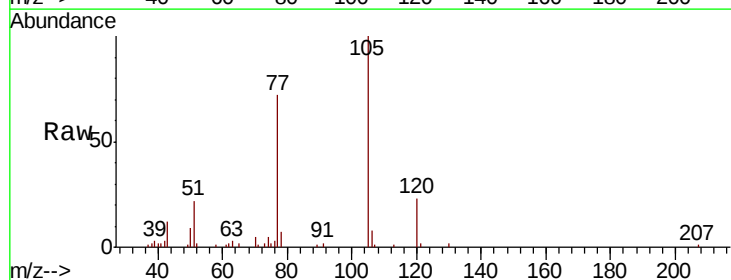


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

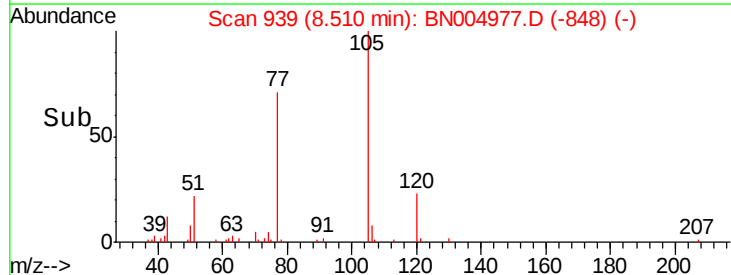
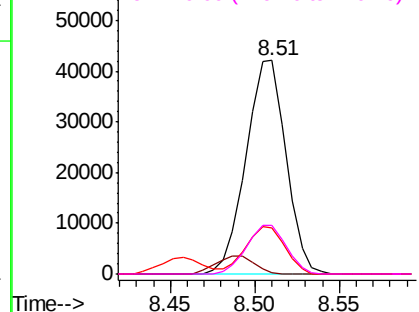


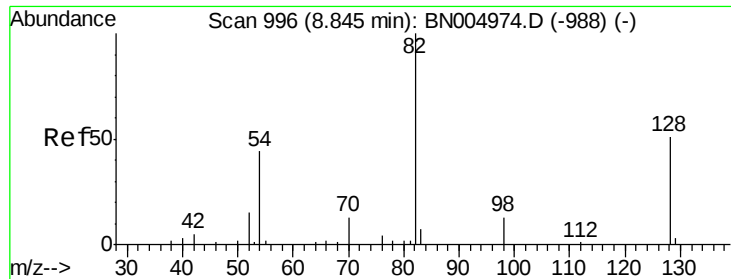
#22
Acetophenone
Concen: 78.891 ng
RT: 8.51 min Scan# 939
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:105	Resp:	69562
Ion	Ratio	Lower Upper
105	100	
71	0.9	0.0 0.0#
51	21.7	17.8 26.8
120	22.8	18.6 27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

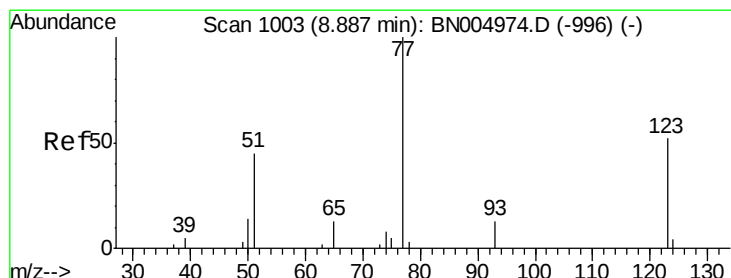
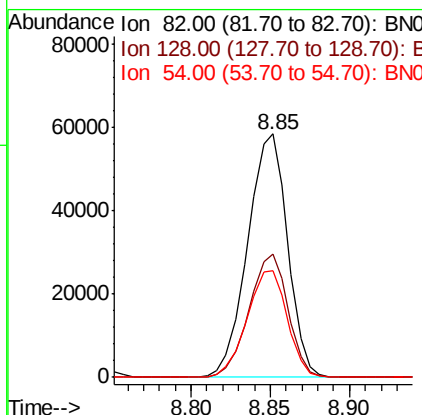
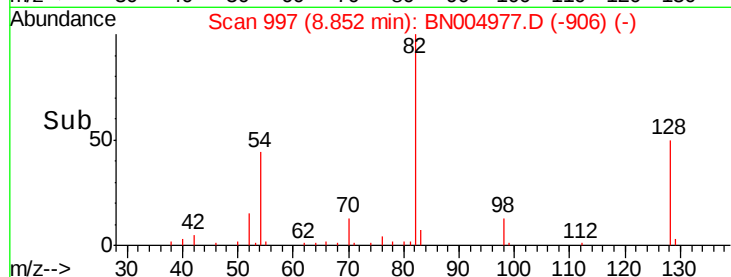
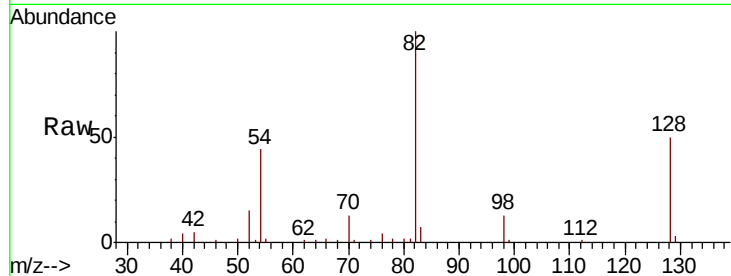




#23
Nitrobenzene-d5
Concen: 166.192 ng
RT: 8.85 min Scan# 997
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

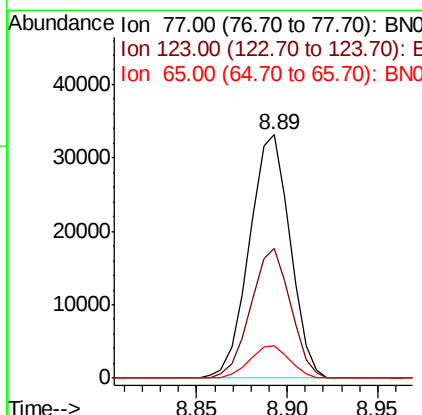
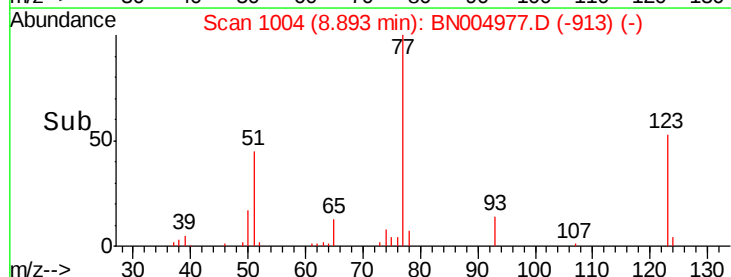
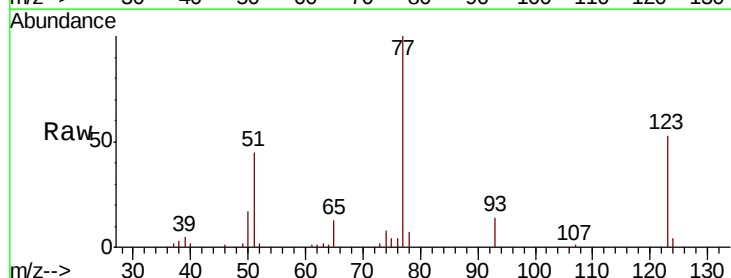
Instrument :
BNA_N
ClientSampleId :

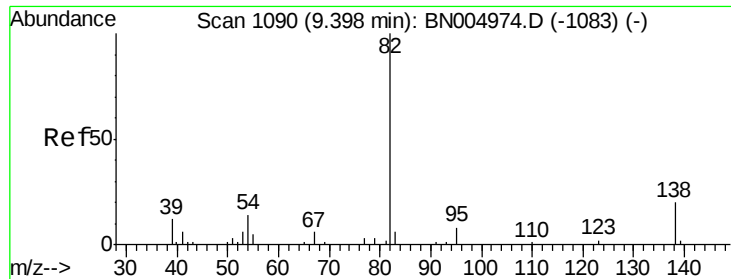
Tot Ion	82	Resp	102107
Ion Ratio	100	Lower	Upper
128	50.5	40.6	60.8
54	44.0	35.2	52.8



#24
Nitrobenzene
Concen: 82.012 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion	77	Resp	51708
Ion Ratio	100	Lower	Upper
123	53.1	41.3	61.9
65	13.1	10.3	15.5





#25

Isophorone

Concen: 89.097 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

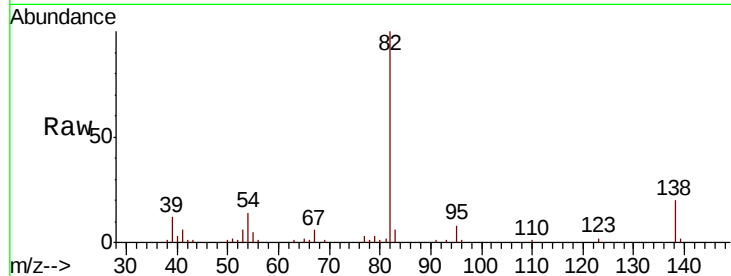
Tot Ion: 82 Resp: 94796

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

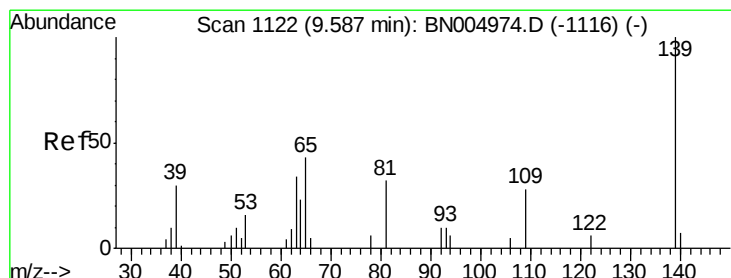
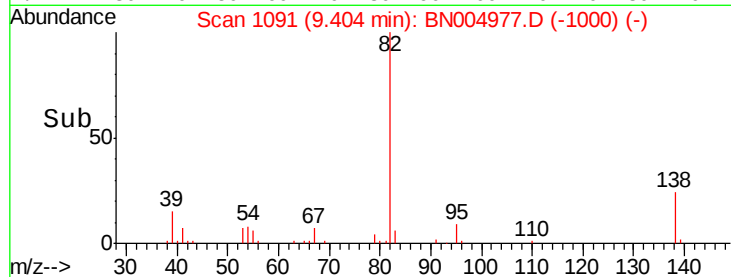
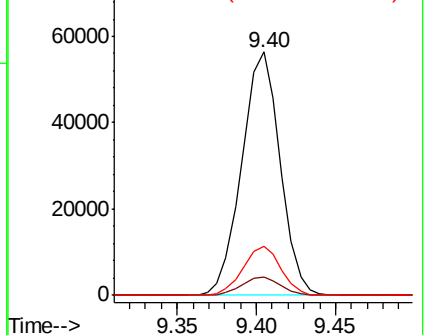
138 20.0 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BN004977.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BN004977.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BN004977.D (-1083) (-)



#26

2-Nitrophenol

Concen: 85.014 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

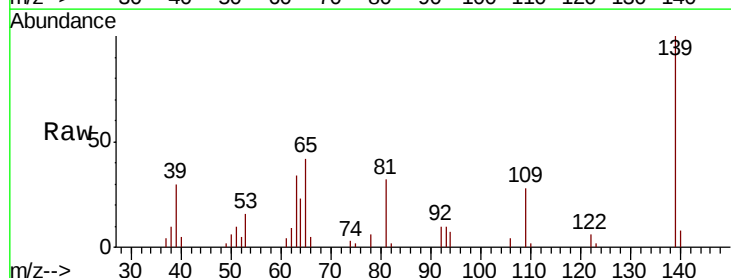
Tgt Ion: 139 Resp: 30474

Ion Ratio Lower Upper

139 100

109 27.8 22.5 33.7

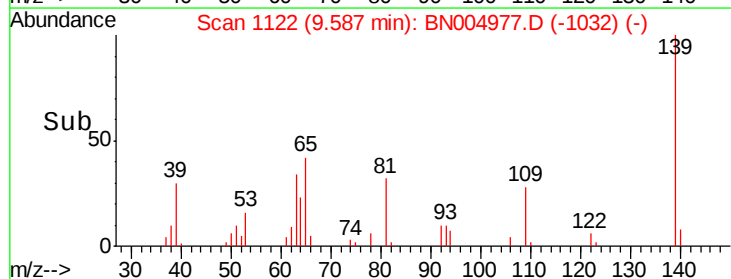
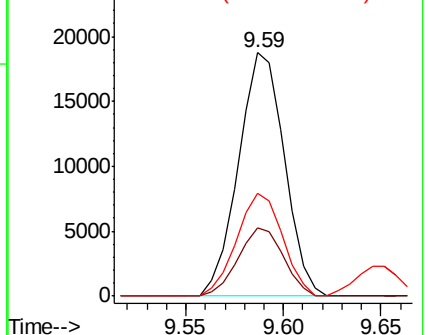
65 42.4 34.2 51.4

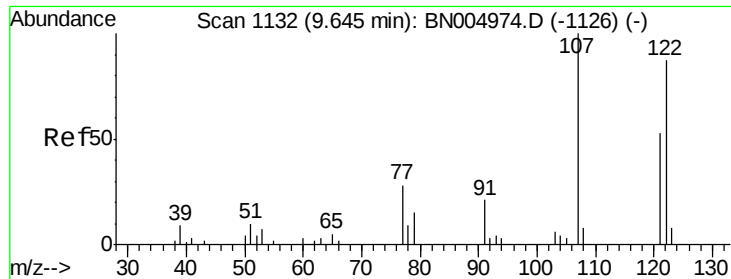


Abundance Ion 139.00 (138.70 to 139.70): BN004977.D (-1032) (-)

Ion 109.00 (108.70 to 109.70): BN004977.D (-1032) (-)

Ion 65.00 (64.70 to 65.70): BN004977.D (-1032) (-)

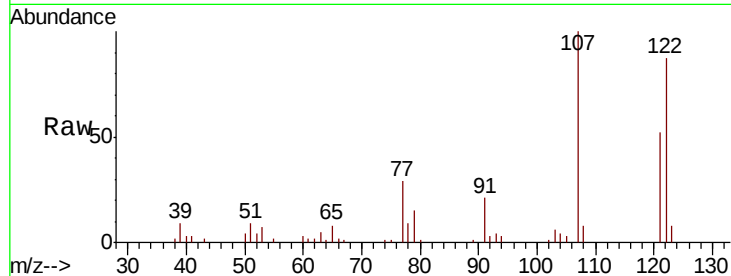




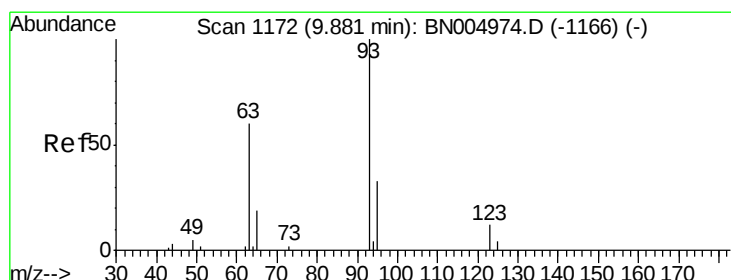
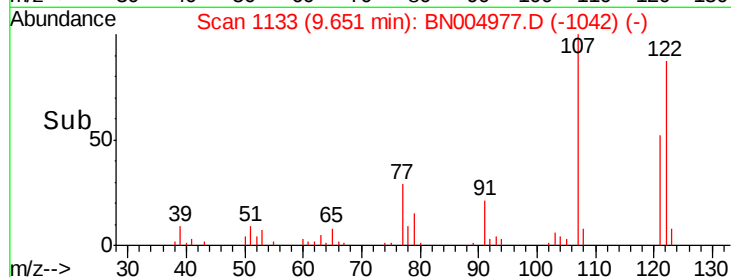
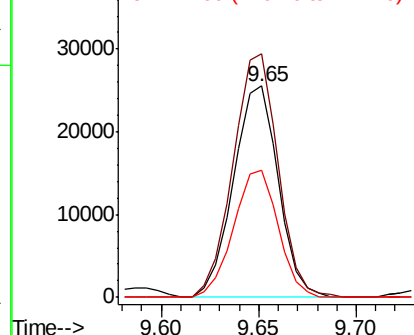
#27
 2,4-Dimethylphenol
 Concen: 79.528 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:122 Resp: 40746
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.6 137.4
 121 59.9 48.2 72.2

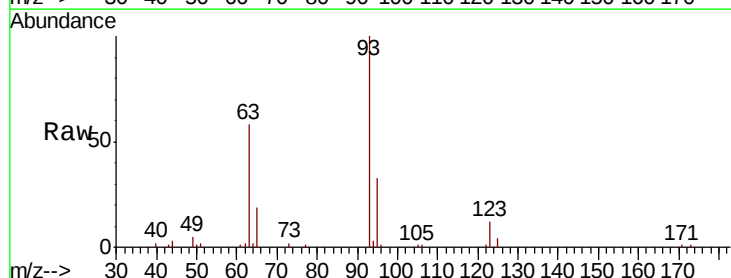


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

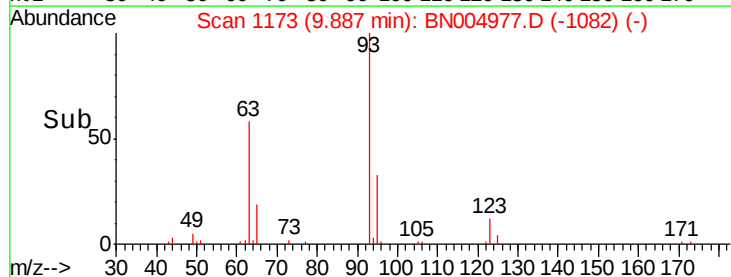
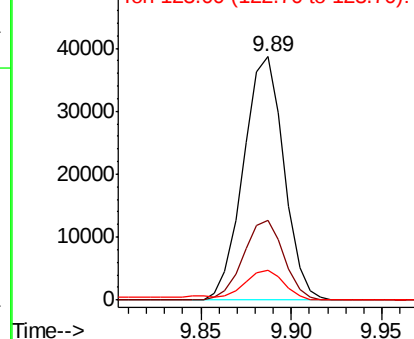


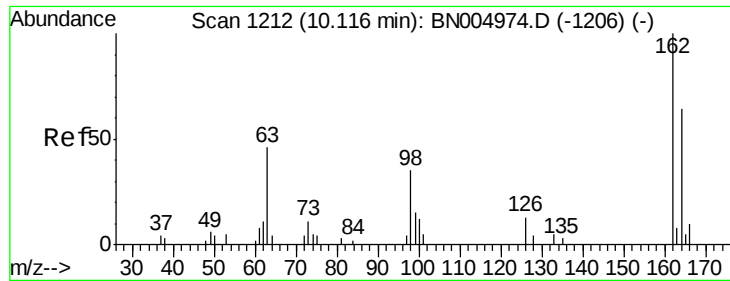
#28
 bis(2-Chloroethoxy)methane
 Concen: 80.934 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion: 93 Resp: 59954
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 12.3 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
 Ion 95.00 (94.70 to 95.70): BNC
 Ion 123.00 (122.70 to 123.70): E

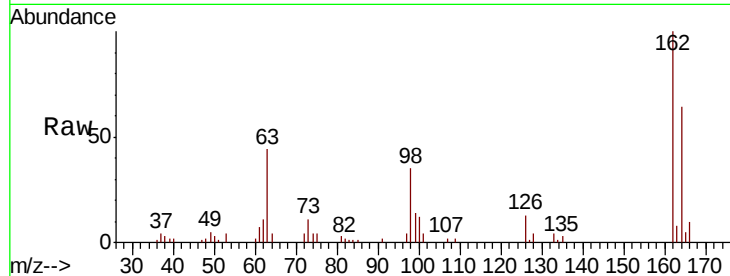




#29
 2,4-Dichlorophenol
 Concen: 78.965 ng
 RT: 10.12 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	162	Resp	47604
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.3	84.3
98	34.5	15.3	55.3

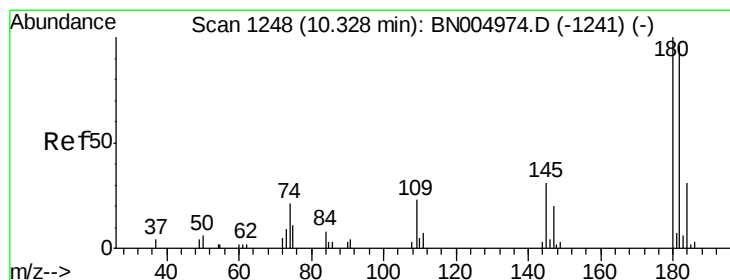
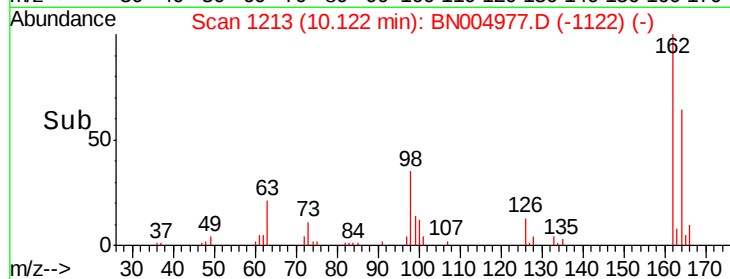
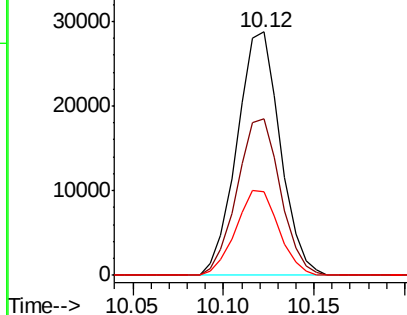


Abundance

Ion 162.00 (161.70 to 162.70): E

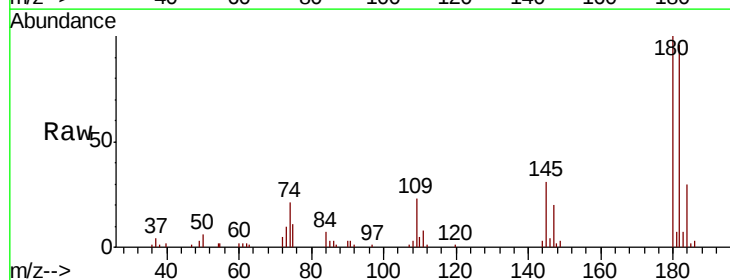
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30
 1,2,4-Trichlorobenzene
 Concen: 77.291 ng
 RT: 10.33 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion	180	Resp	53107
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.6	114.8
145	31.1	24.6	37.0

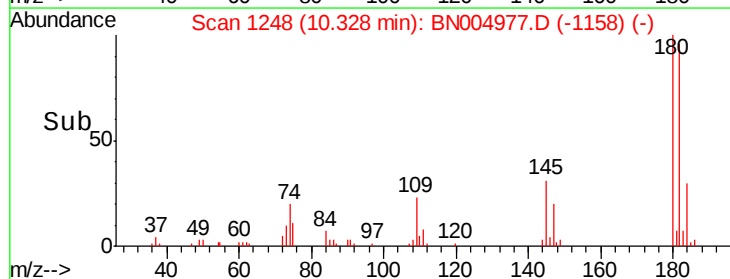
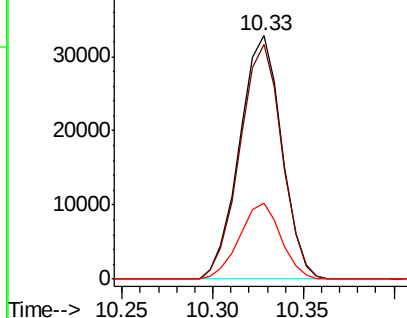


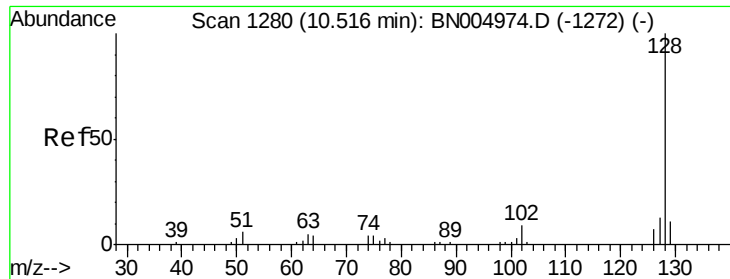
Abundance

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

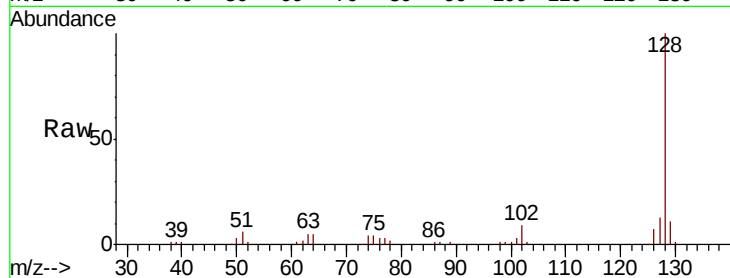




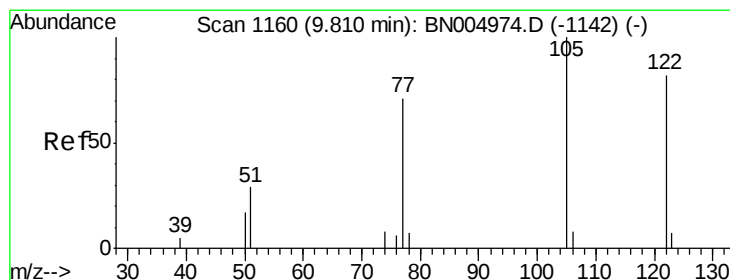
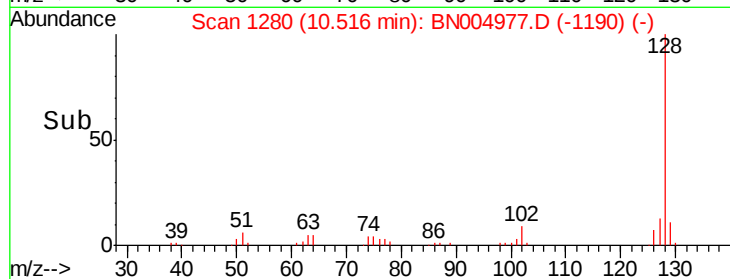
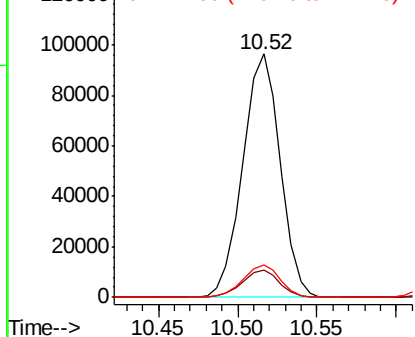
#31
Naphthalene
Concen: 83.904 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 157952
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

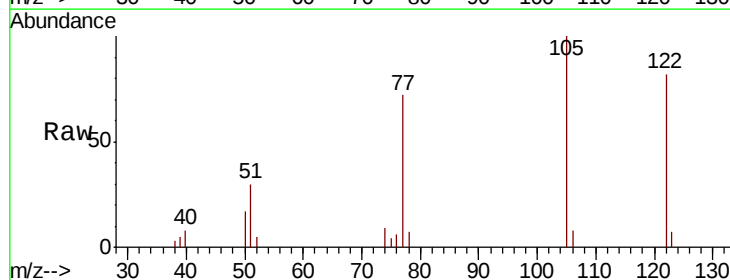


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

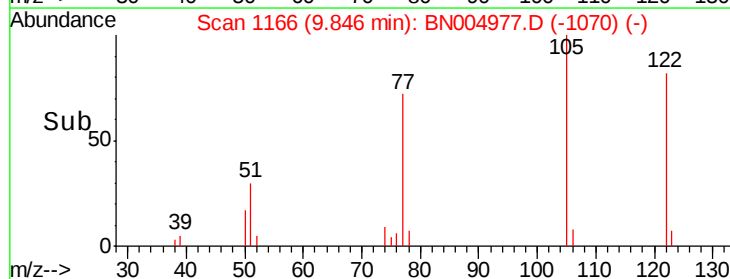
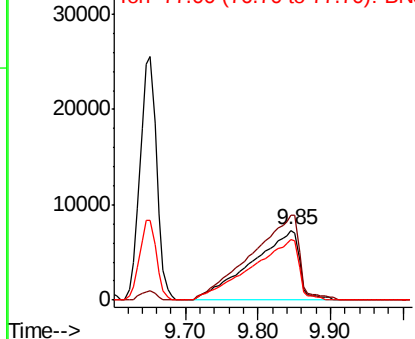


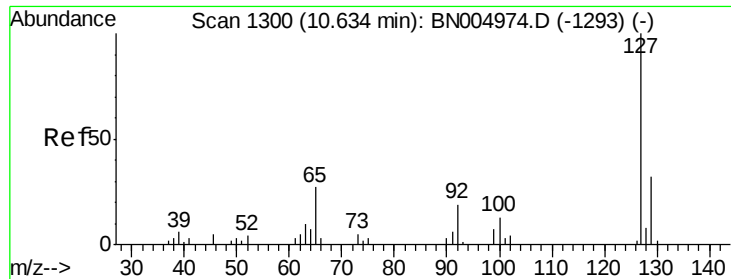
#32
Benzoic acid
Concen: 69.471 ng
RT: 9.85 min Scan# 1166
Delta R.T. 0.04 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:122 Resp: 33956
Ion Ratio Lower Upper
122 100
105 121.4 102.4 142.4
77 87.2 67.1 107.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNO

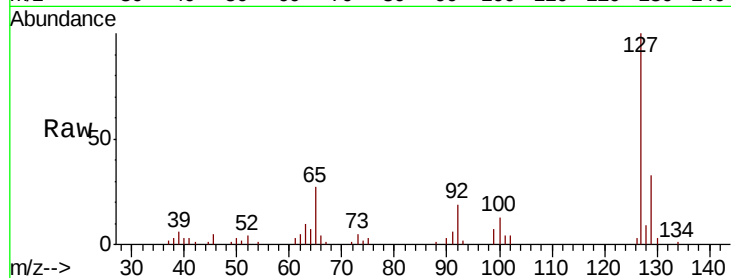




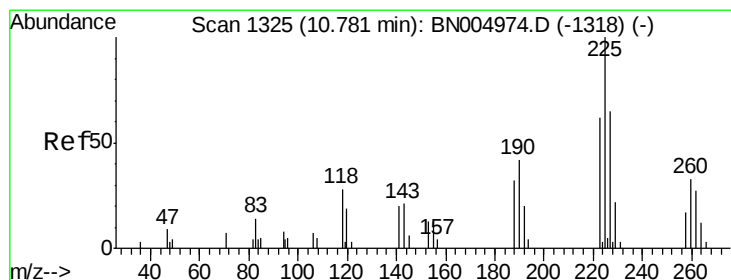
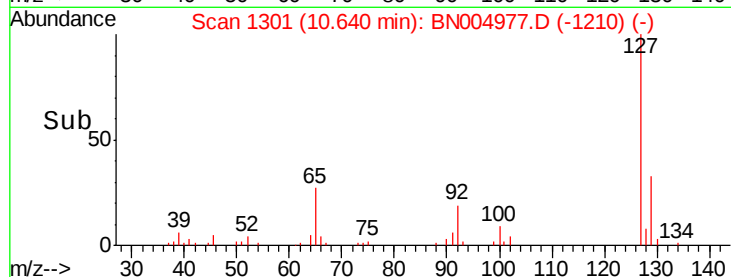
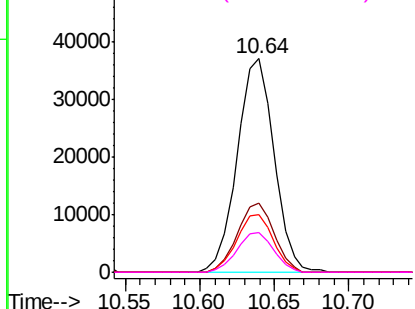
#33
4-Chloroaniline
Concen: 75.718 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	63600
Ion	Ratio	Lower Upper
127	100	
129	32.7	25.9 38.9
65	26.8	21.4 32.0
92	18.8	15.3 22.9

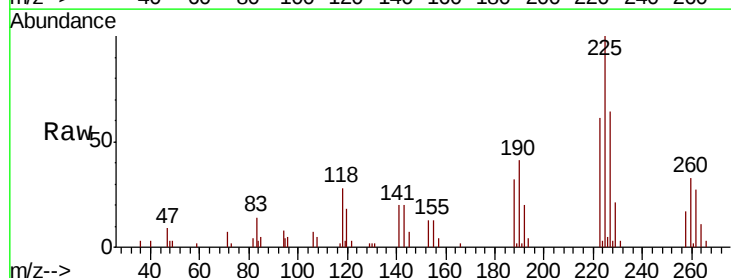


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

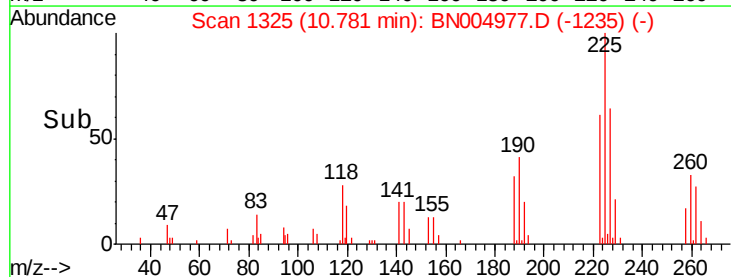
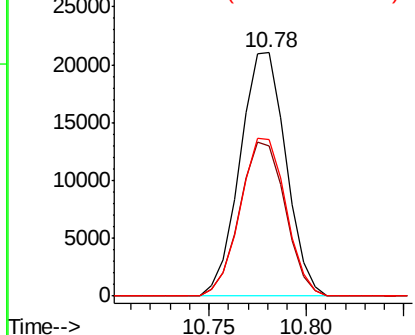


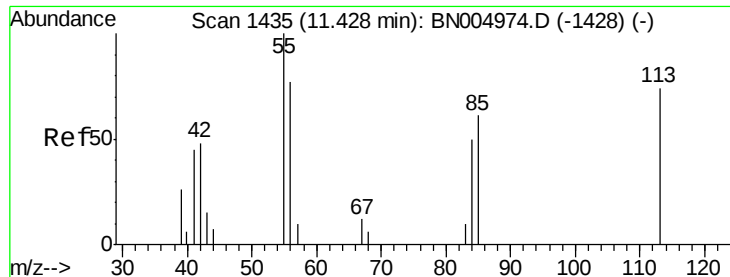
#34
Hexachlorobutadiene
Concen: 83.487 ng
RT: 10.78 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:225	Resp:	34350
Ion	Ratio	Lower Upper
225	100	
223	61.5	49.7 74.5
227	64.3	52.0 78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 70.646 ng

RT: 11.45 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

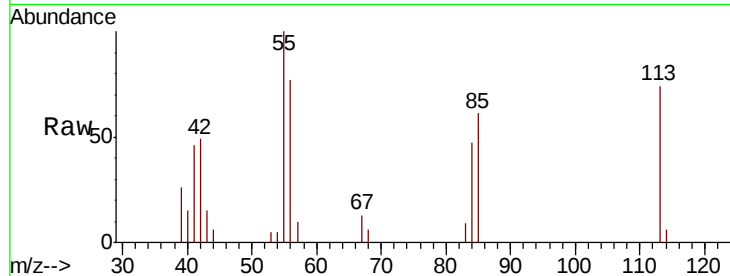
Tot Ion:113 Resp: 15018

Ion Ratio Lower Upper

113 100

55 135.9 115.8 155.8

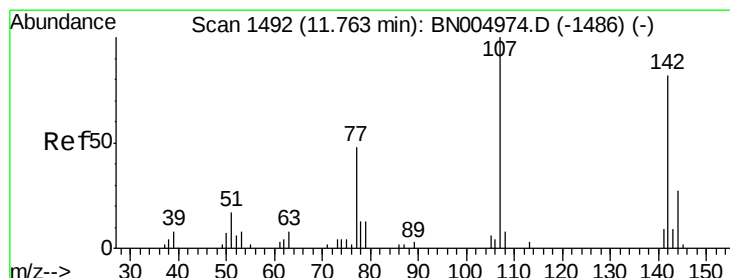
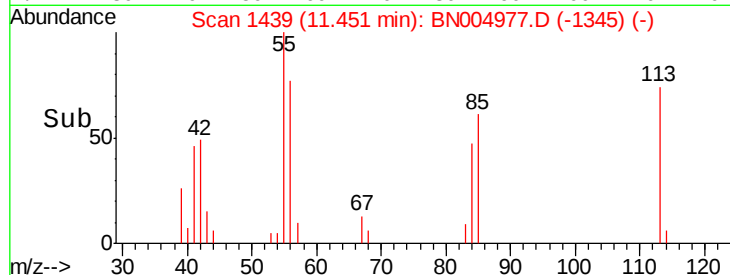
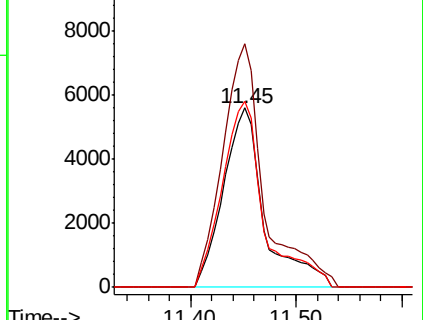
56 104.2 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 77.066 ng

RT: 11.77 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

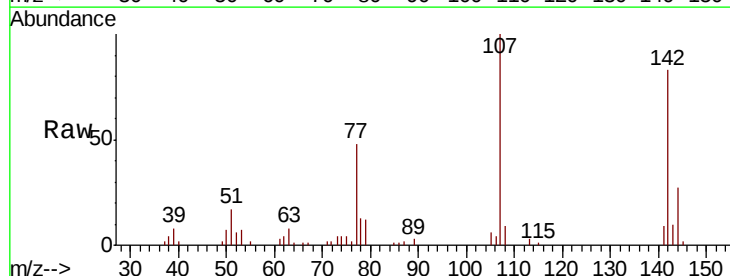
Tgt Ion:107 Resp: 49215

Ion Ratio Lower Upper

107 100

144 27.0 21.3 31.9

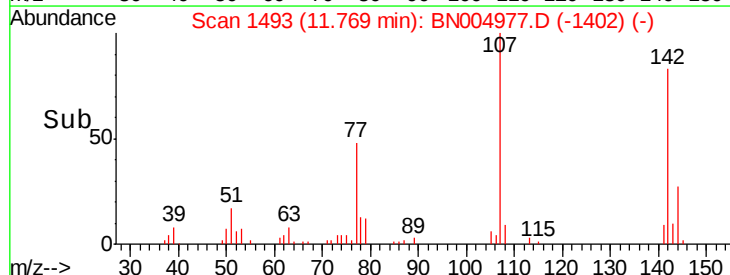
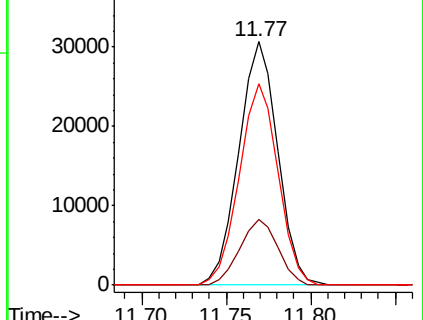
142 82.7 65.8 98.8

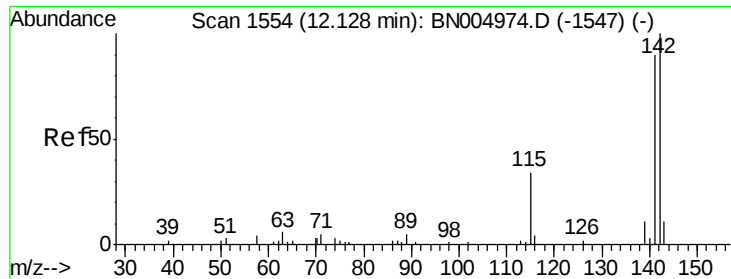


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

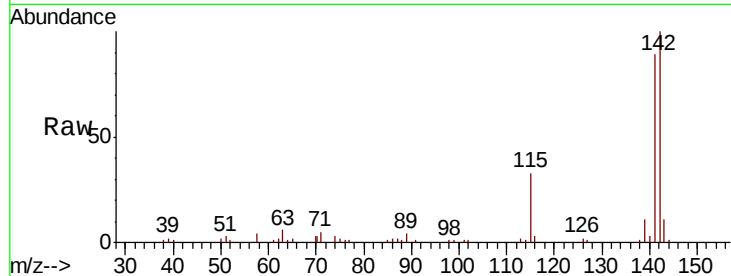




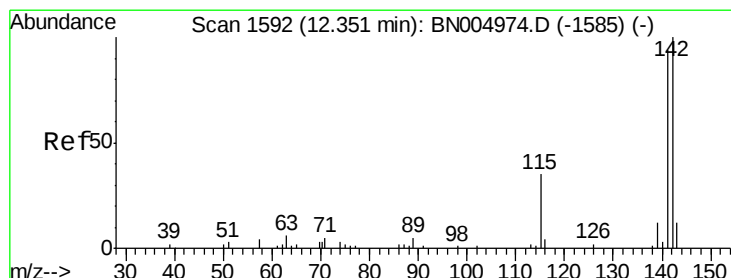
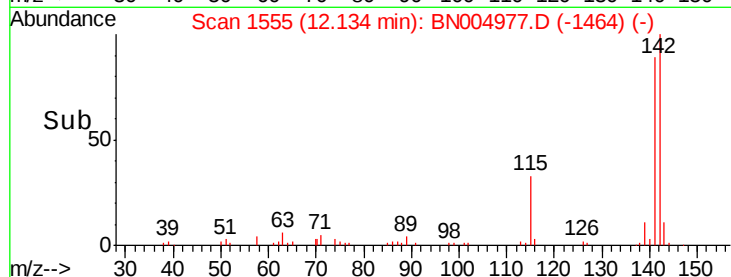
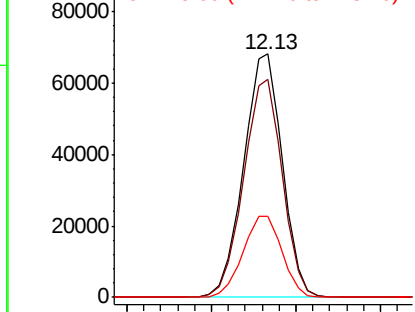
#37
 2-Methylnaphthalene
 Concen: 80.631 ng
 RT: 12.13 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 108409
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.8
 115 33.2 27.0 40.4

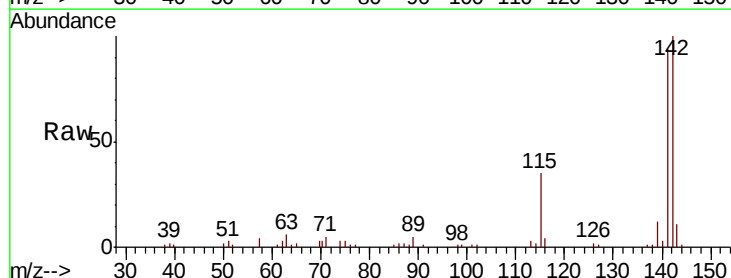


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

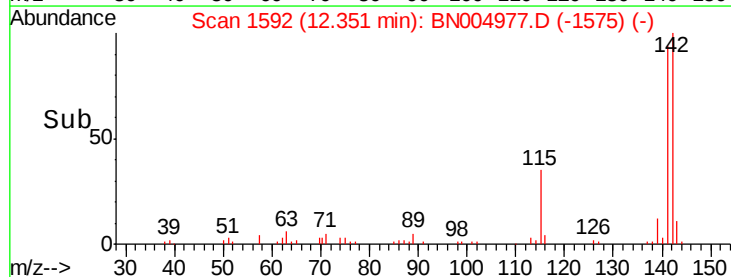
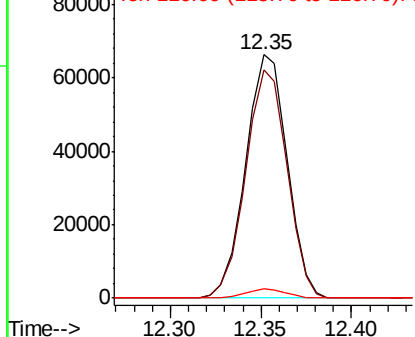


#38
 1-Methylnaphthalene
 Concen: 81.036 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:142 Resp: 105531
 Ion Ratio Lower Upper
 142 100
 141 93.6 74.9 112.3
 116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

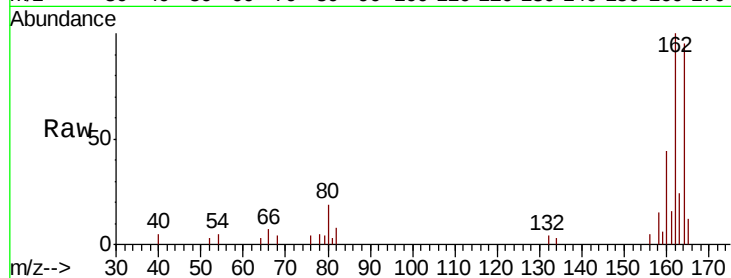
Tot Ion:164 Resp: 20395

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

160 45.9 36.6 55.0

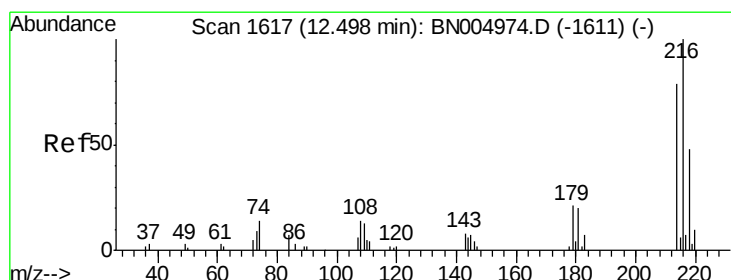
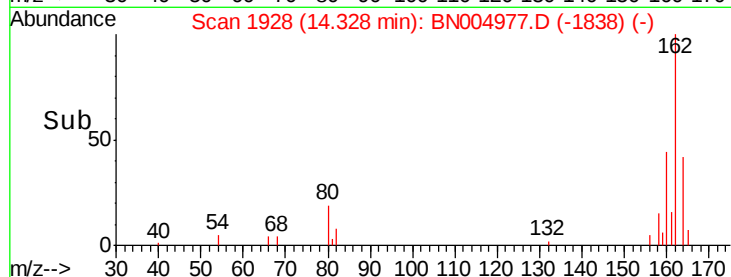
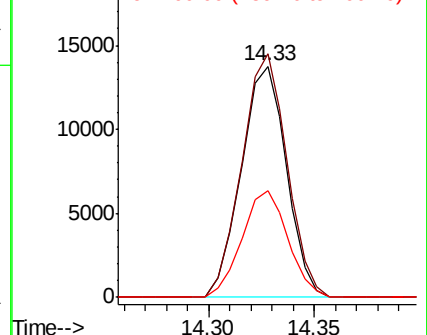


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.938 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Tgt Ion:216 Resp: 59338

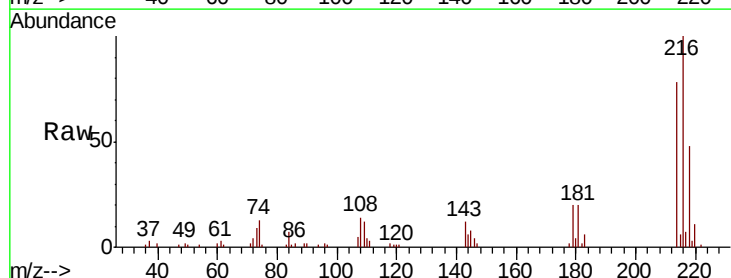
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.9 16.4 24.6

108 16.3 12.7 19.1



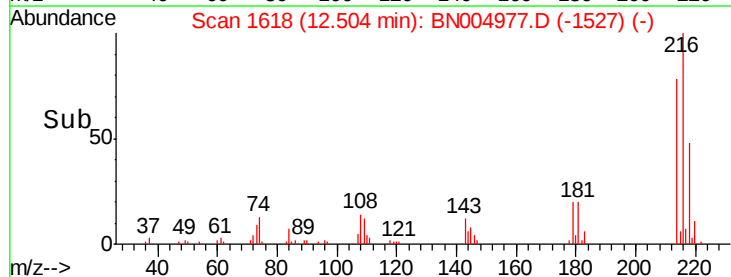
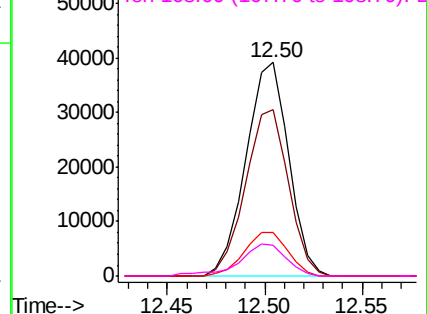
Abundance

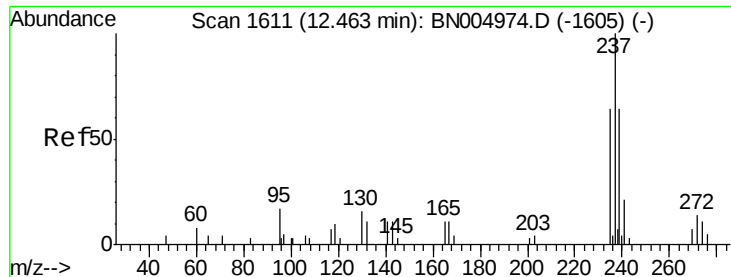
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.299 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

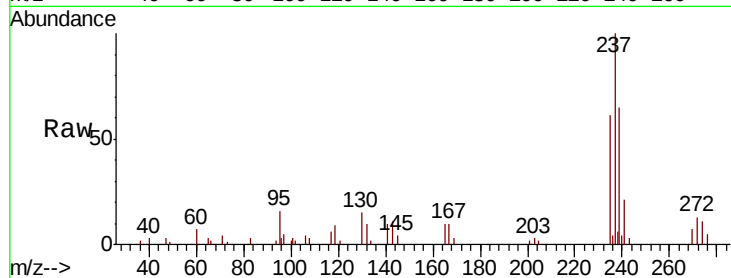
Tot Ion:237 Resp: 34132

Ion Ratio Lower Upper

237 100

235 61.5 43.6 83.6

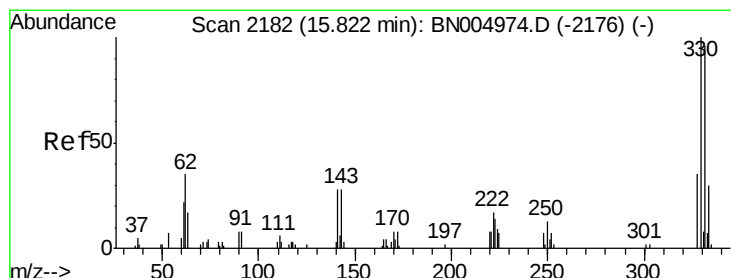
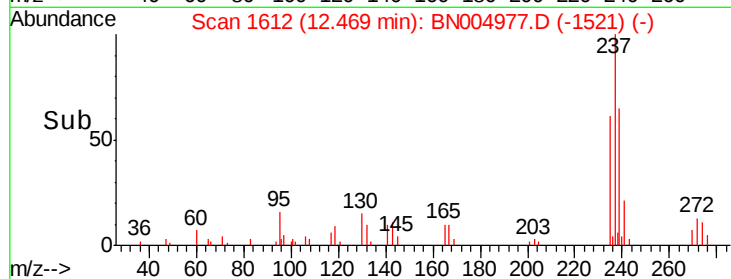
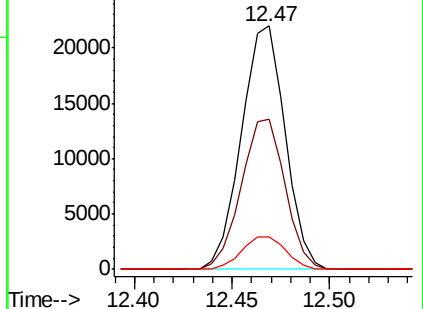
272 13.5 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 169.482 ng

RT: 15.83 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

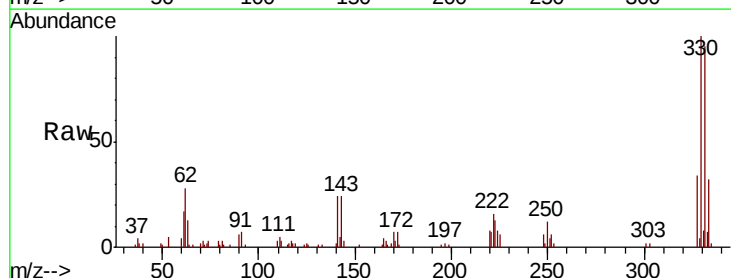
Tgt Ion:330 Resp: 51529

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

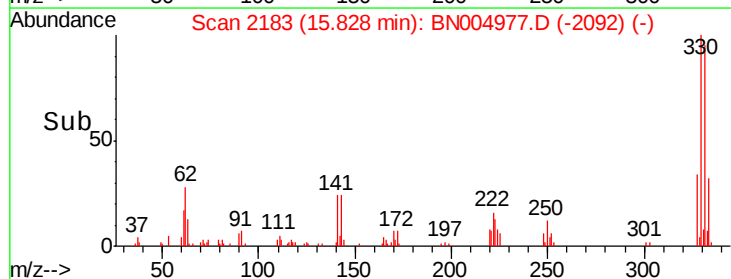
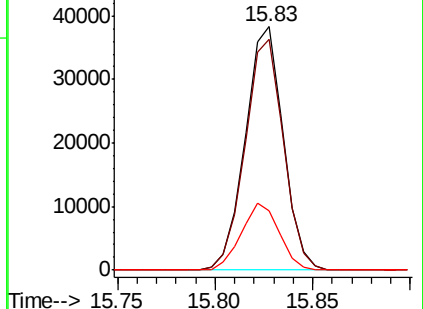
141 27.3 22.1 33.1

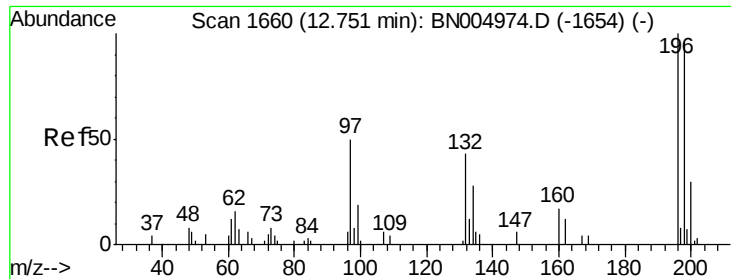


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

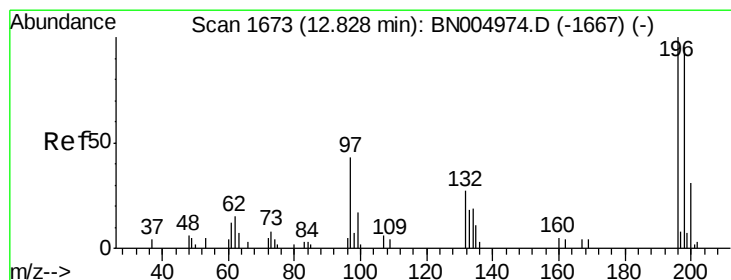
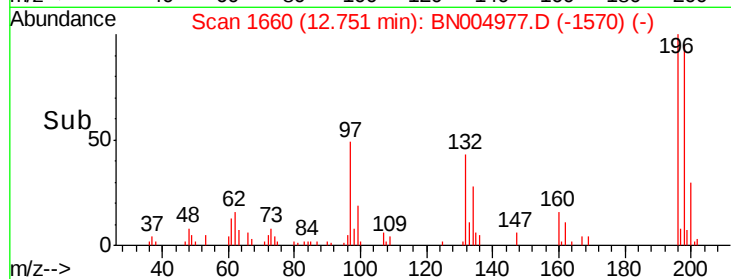
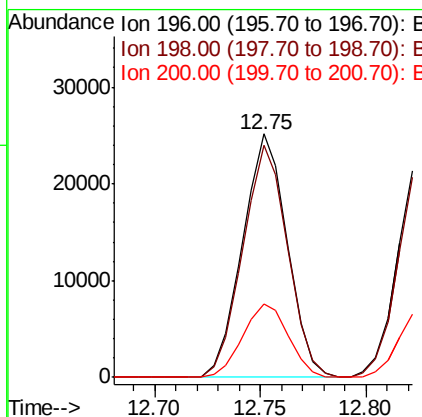
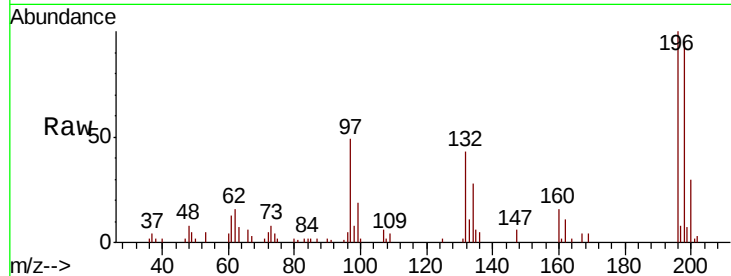




#43
 2,4,6-Trichlorophenol
 Concen: 81.003 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

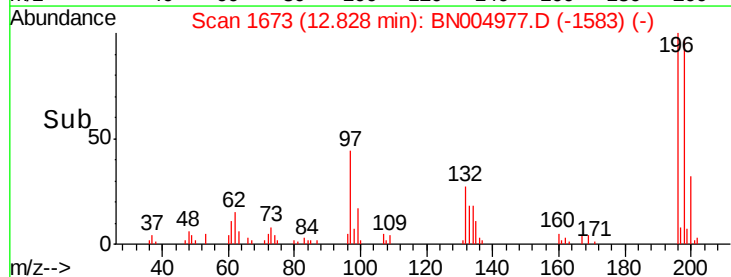
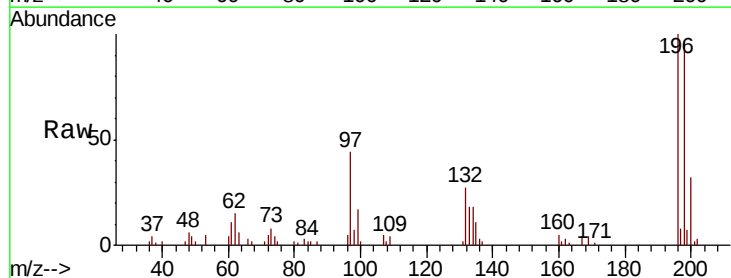
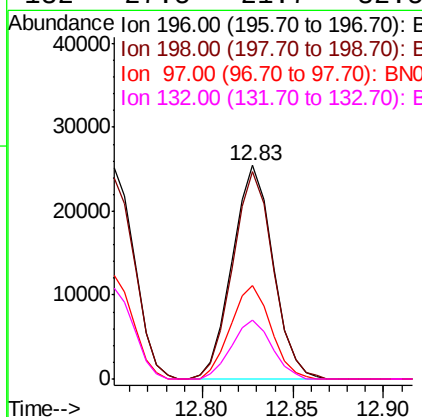
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 36874
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.5 114.7
 200 30.2 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 82.185 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:196 Resp: 39908
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.1 114.1
 97 43.5 34.8 52.2
 132 27.5 21.7 32.5

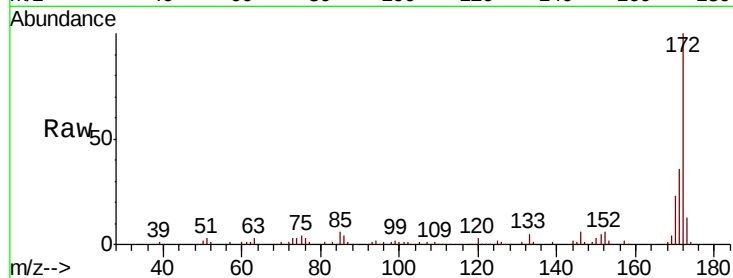




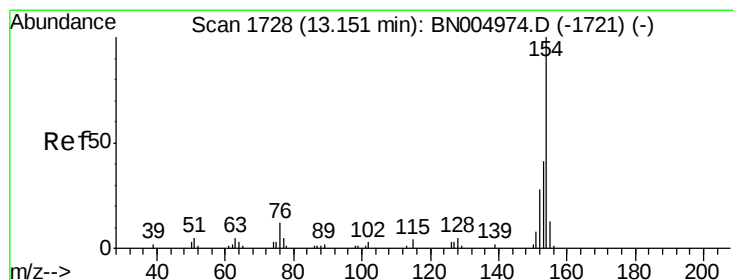
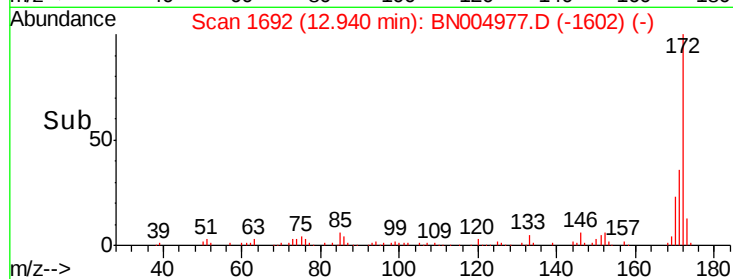
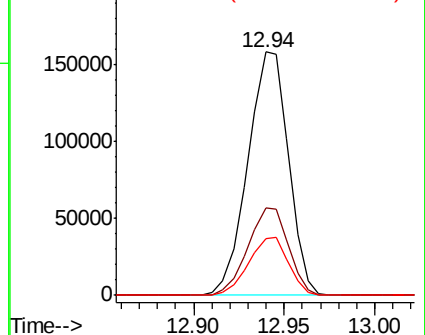
#45
 2-Fluorobiphenyl
 Concen: 160.968 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 245959
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.5 18.9 28.3

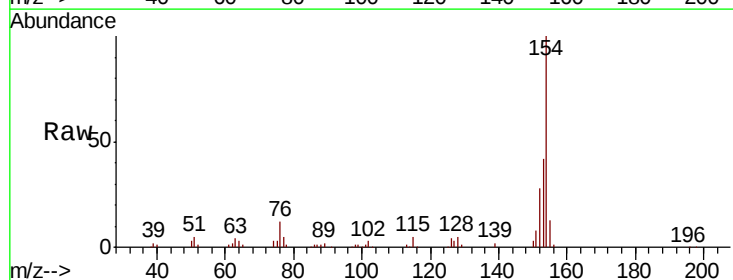


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

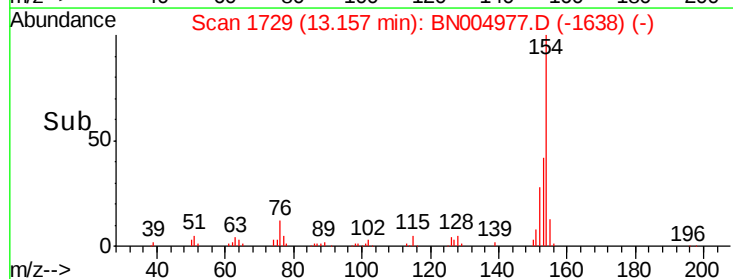
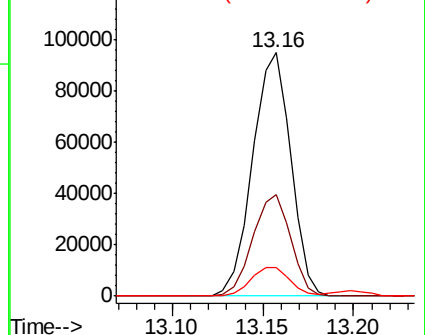


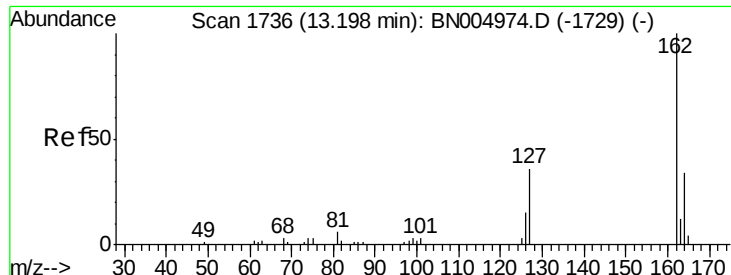
#46
 1,1'-Biphenyl
 Concen: 76.547 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:154 Resp: 138272
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.2 61.2
 76 11.7 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNO

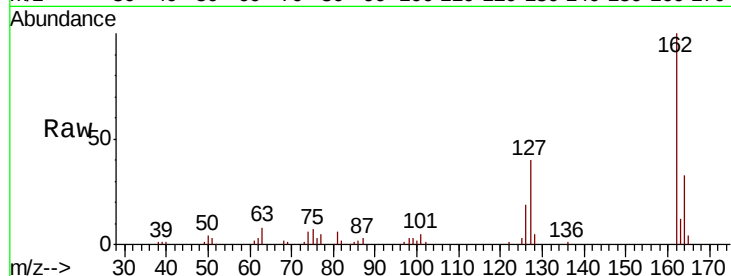




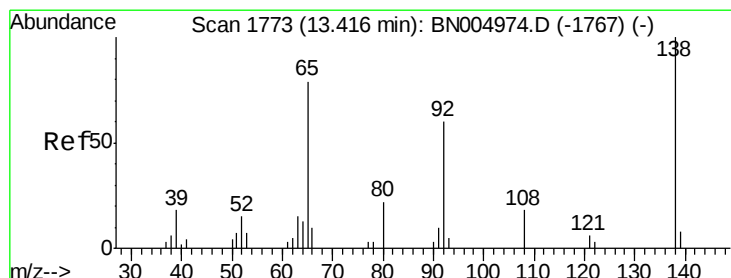
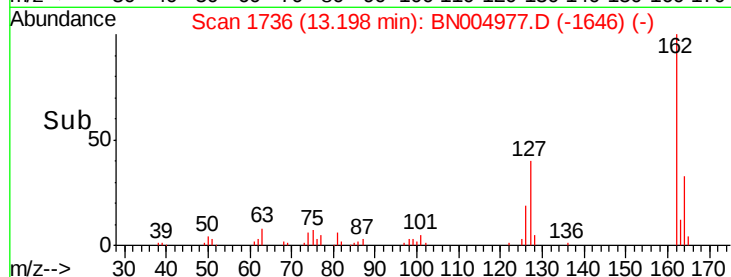
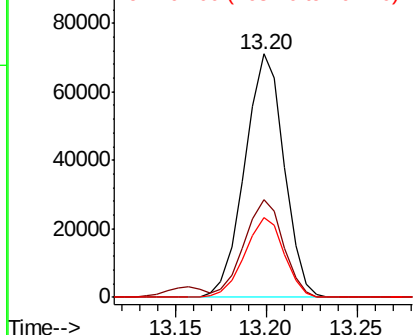
#47
 2-Chloronaphthalene
 Concen: 78.635 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:162 Resp: 106870
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.4 48.6
 164 32.9 26.8 40.2

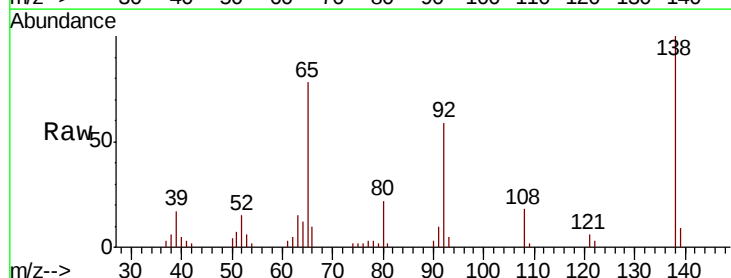


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

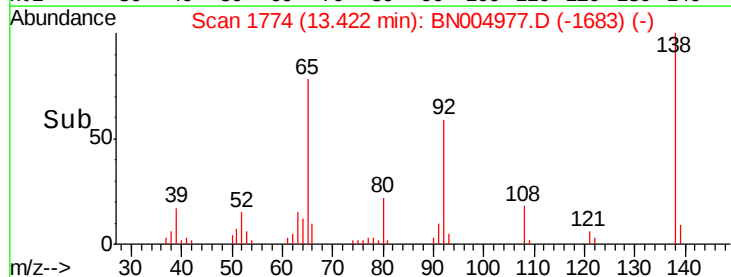
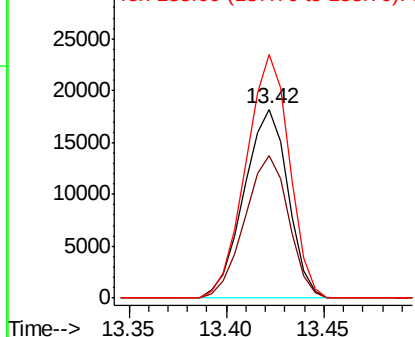


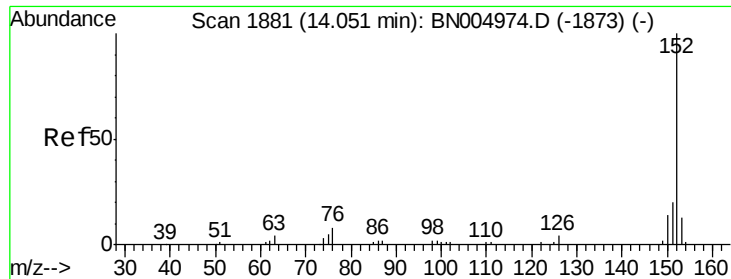
#48
 2-Nitroaniline
 Concen: 83.933 ng
 RT: 13.42 min Scan# 1774
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion: 65 Resp: 28422
 Ion Ratio Lower Upper
 65 100
 92 75.6 60.2 90.4
 138 128.7 101.1 151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 87.990 ng

RT: 14.05 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

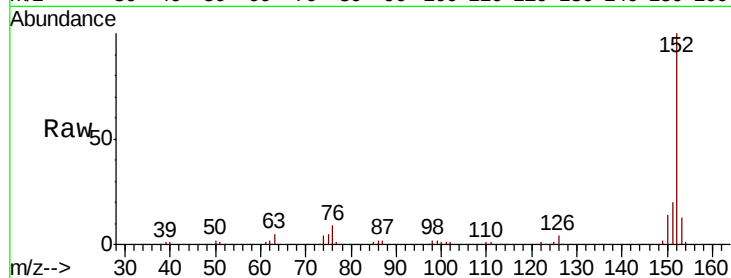
Tot Ion:152 Resp: 176418

Ion Ratio Lower Upper

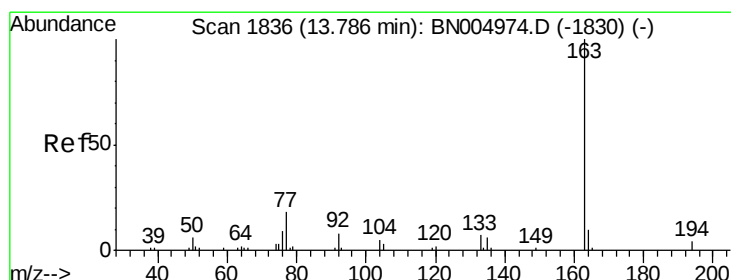
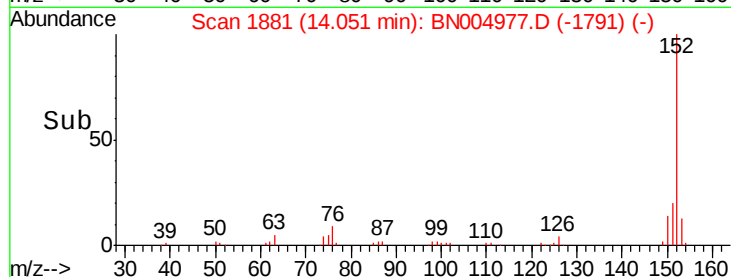
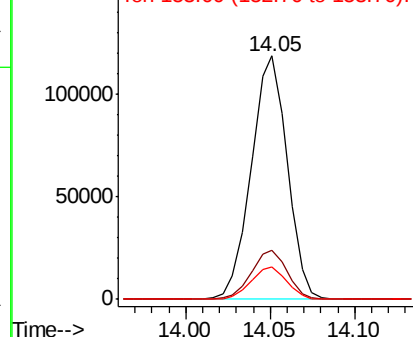
152 100

151 20.4 16.2 24.2

153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 80.734 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

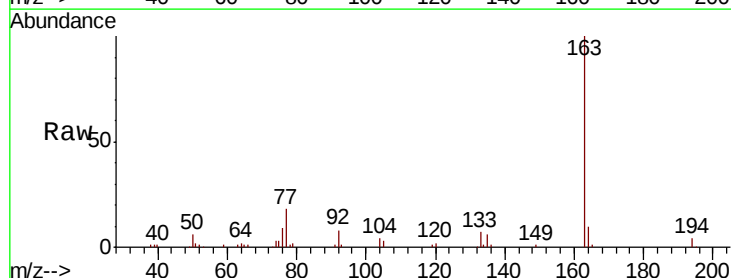
Tgt Ion:163 Resp: 128992

Ion Ratio Lower Upper

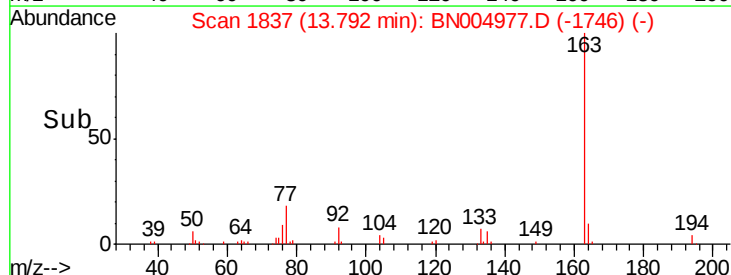
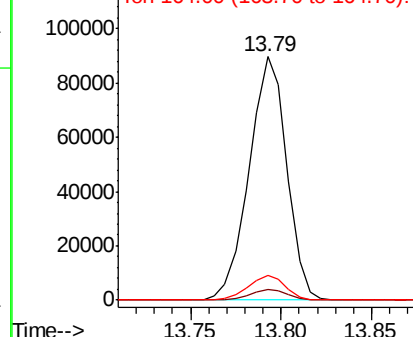
163 100

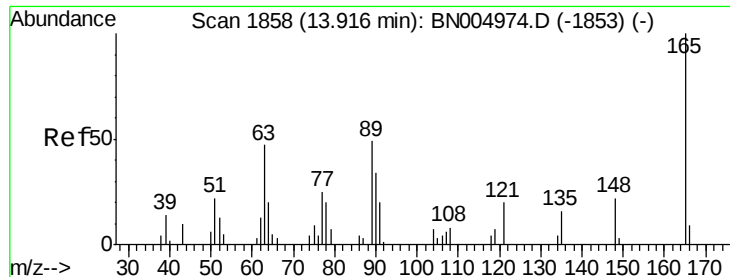
194 4.3 3.4 5.0

164 10.3 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

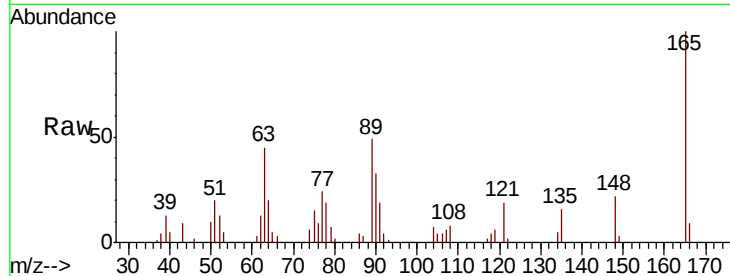




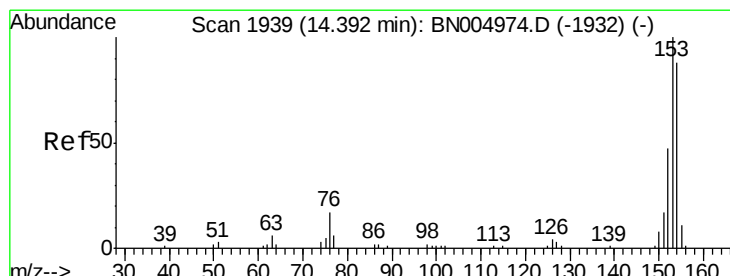
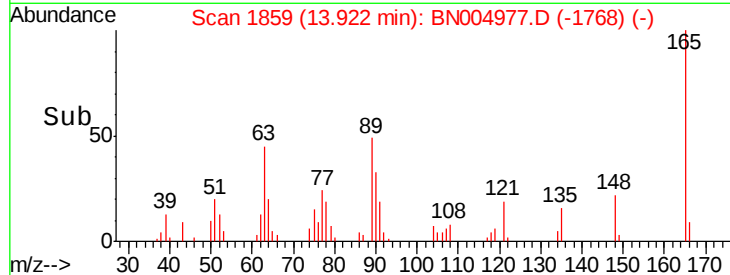
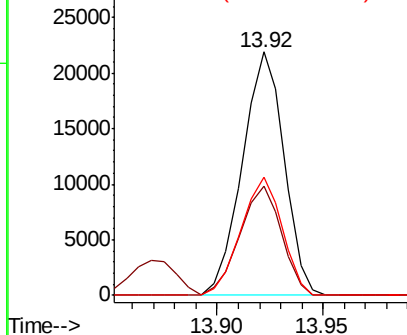
#51
 2,6-Dinitrotoluene
 Concen: 80.504 ng
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:165 Resp: 30023
 Ion Ratio Lower Upper
 165 100
 63 44.7 37.3 55.9
 89 48.6 39.2 58.8

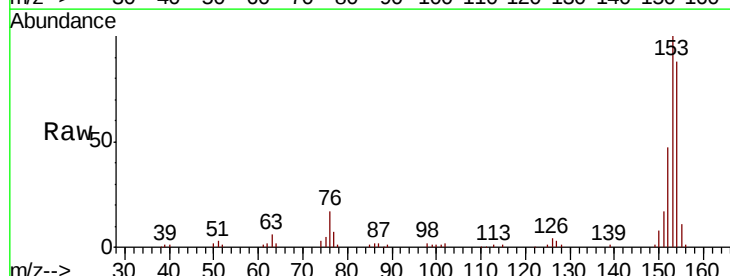


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

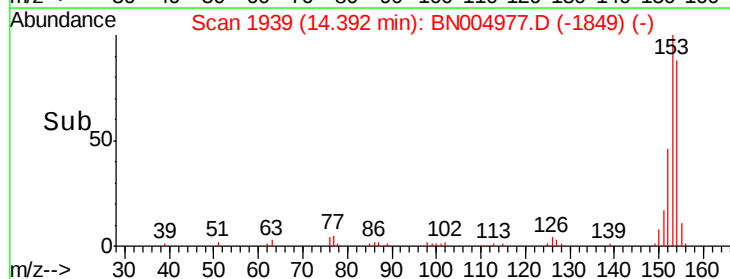
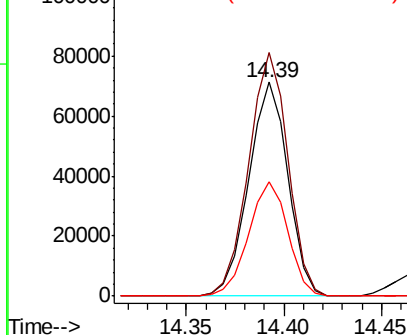


#52
 Acenaphthene
 Concen: 81.289 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:154 Resp: 98846
 Ion Ratio Lower Upper
 154 100
 153 113.8 91.0 136.4
 152 53.4 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

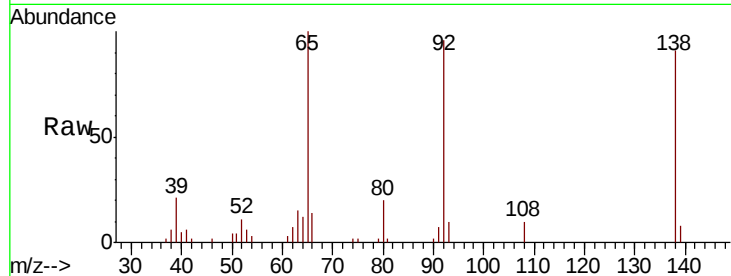




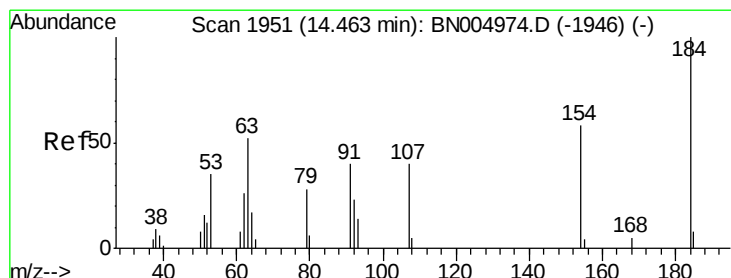
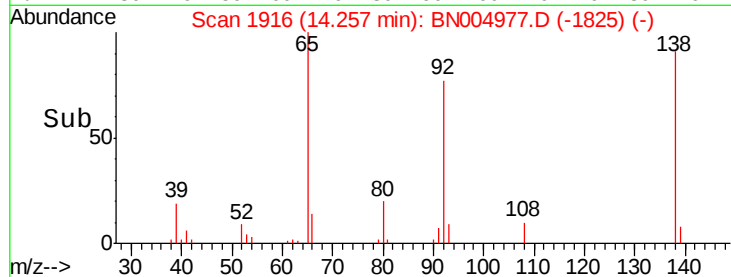
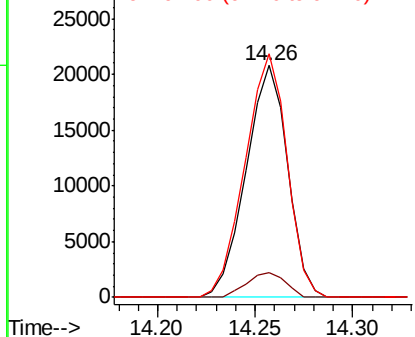
#53
3-Nitroaniline
Concen: 76.963 ng
RT: 14.26 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 30685
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 105.0 86.9 130.3

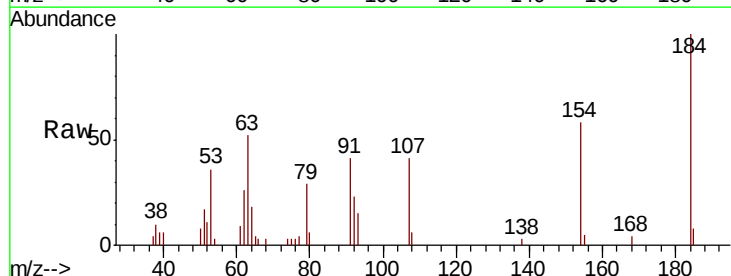


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNO

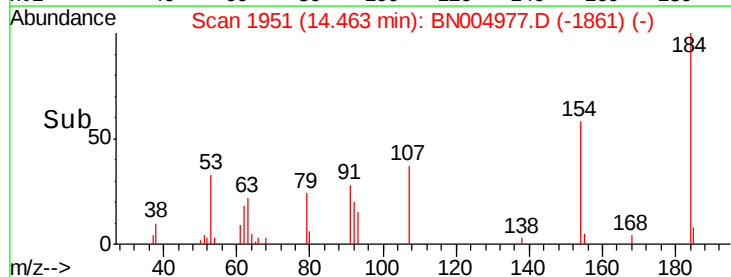
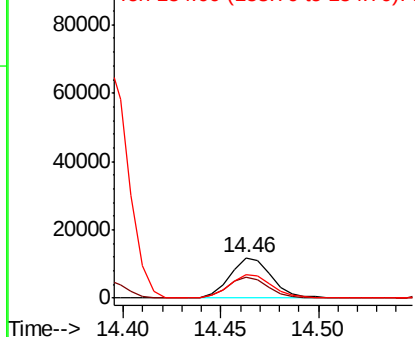


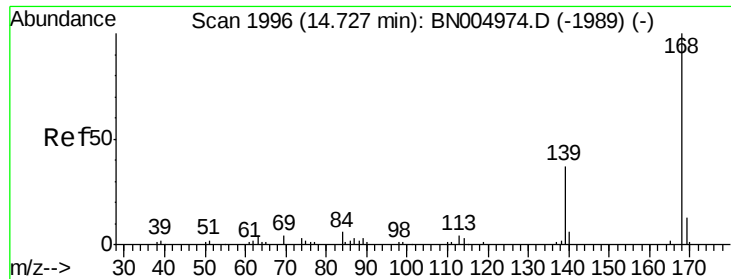
#54
2,4-Dinitrophenol
Concen: 84.125 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:184 Resp: 17362
Ion Ratio Lower Upper
184 100
63 51.7 41.6 62.4
154 58.3 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

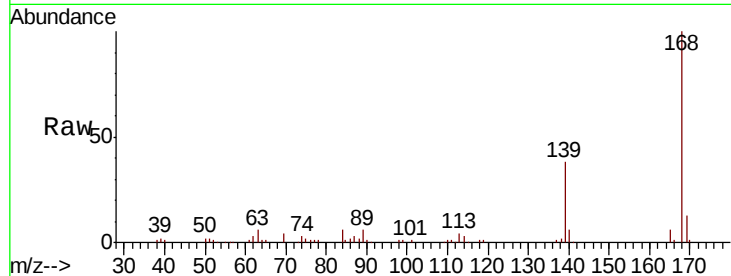




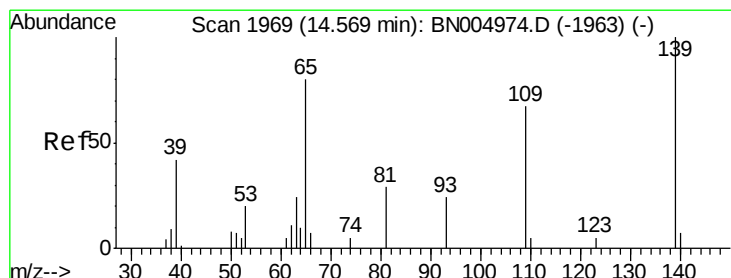
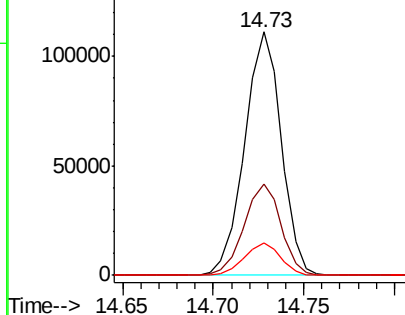
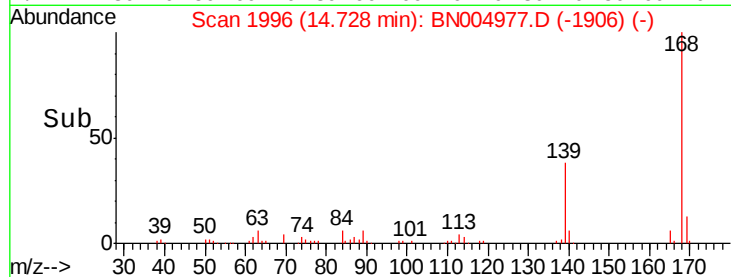
#55
Dibenzenofuran
Concen: 77.828 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.9	44.9
169	13.3	10.6	15.8

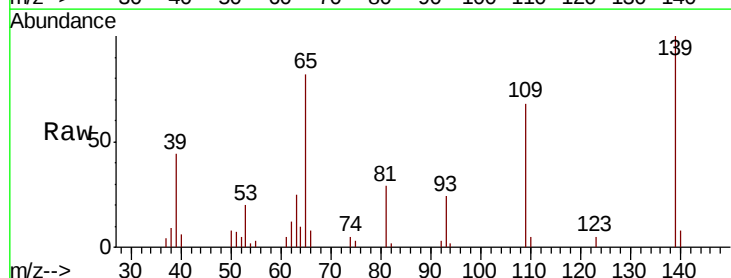


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

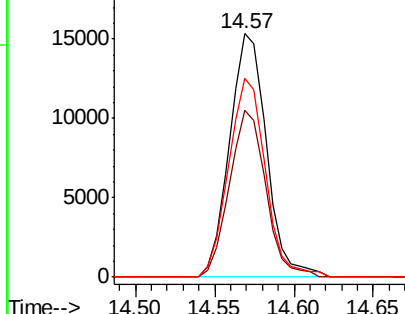
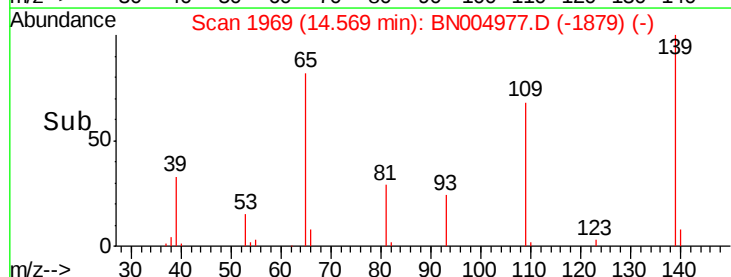


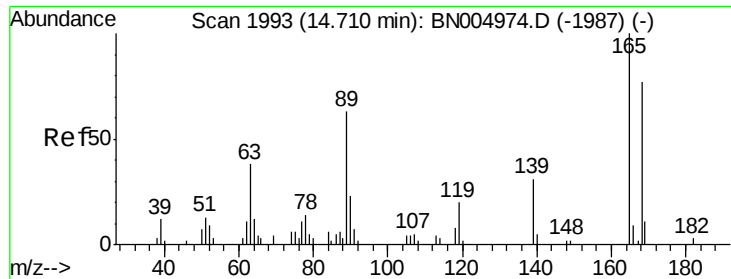
#56
4-Nitrophenol
Concen: 81.484 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	46.5	86.5
65	81.9	59.5	99.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNO

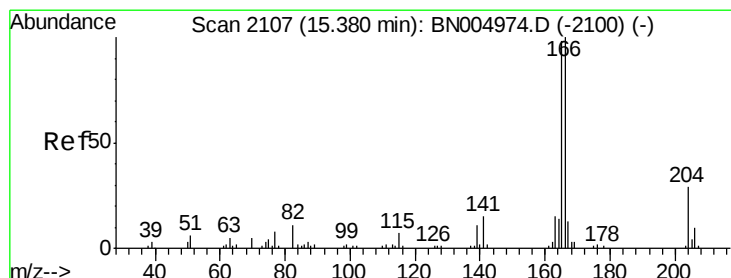
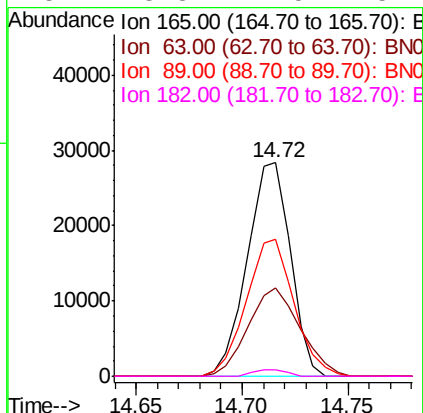
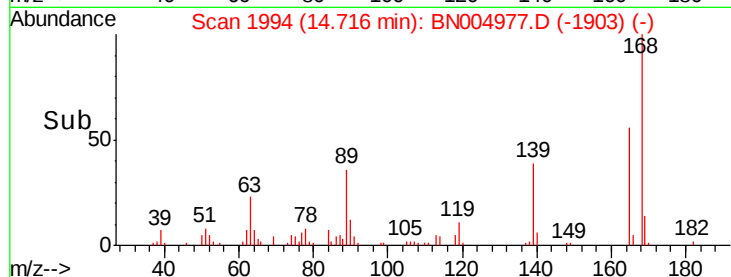
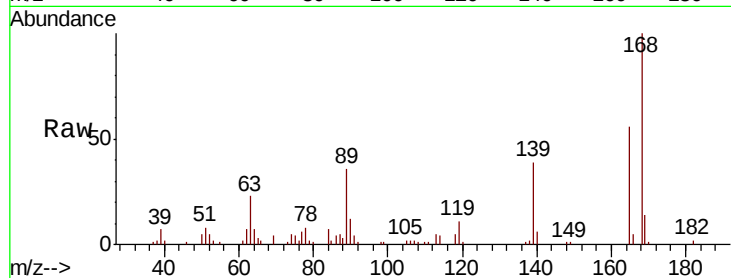




#57
2,4-Dinitrotoluene
Concen: 80.191 ng
RT: 14.72 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

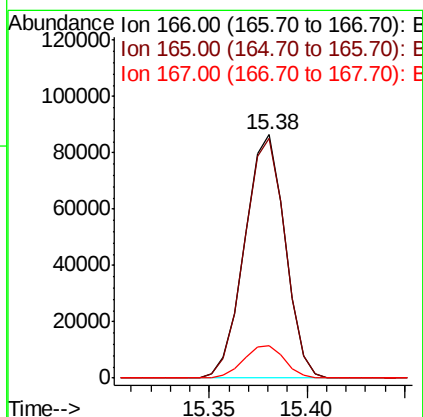
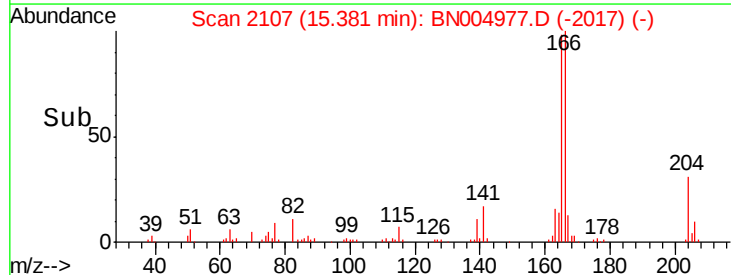
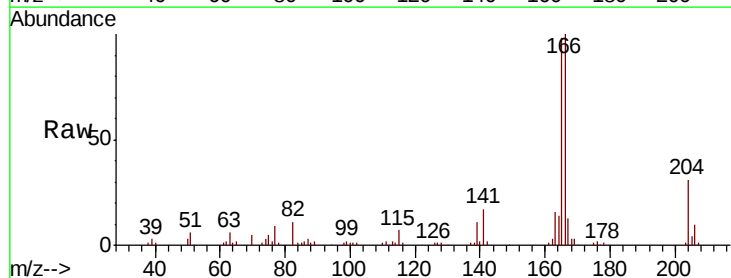
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	41.6	30.4	45.6	
89	63.9	50.7	76.1	
182	3.3	2.5	3.7	



#58
Fluorene
Concen: 83.692 ng
RT: 15.38 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.3	78.3	117.5	
167	13.4	10.6	15.8	

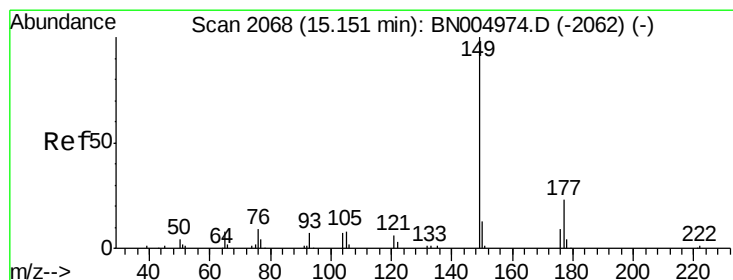
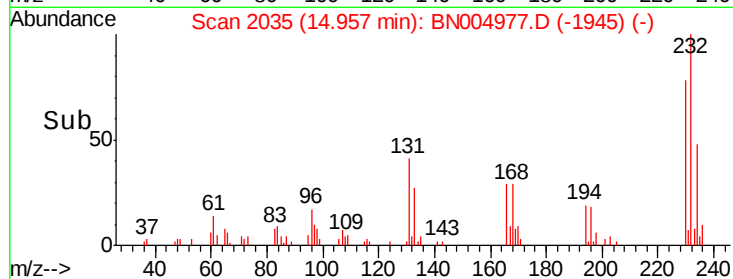
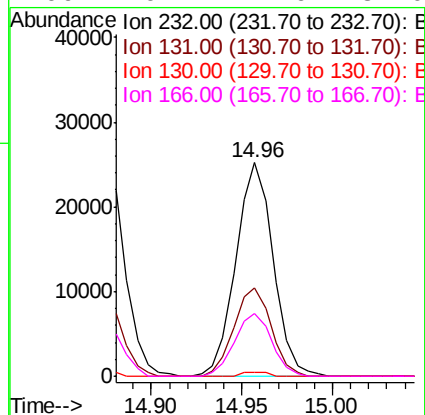
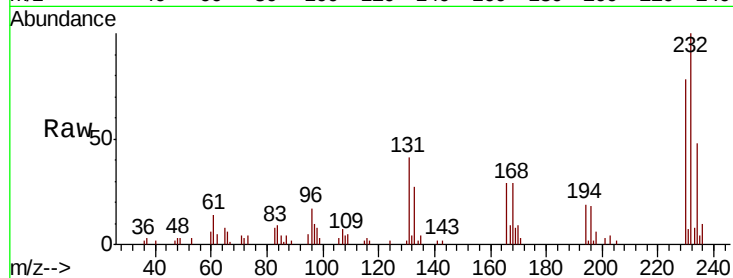




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 82.573 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

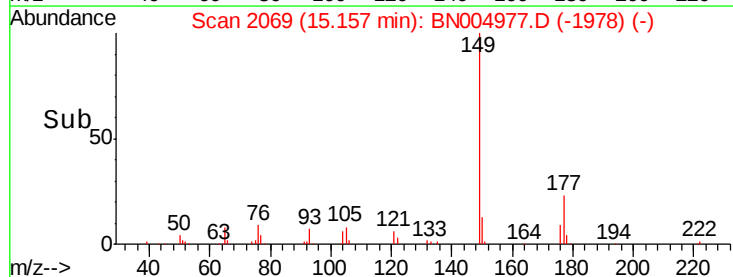
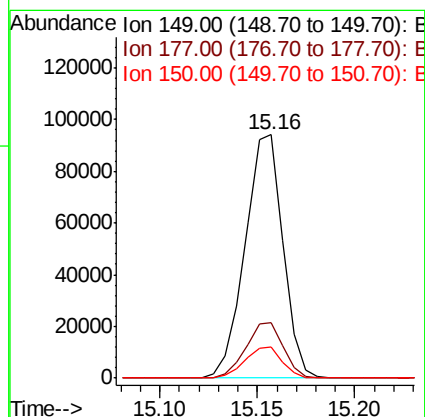
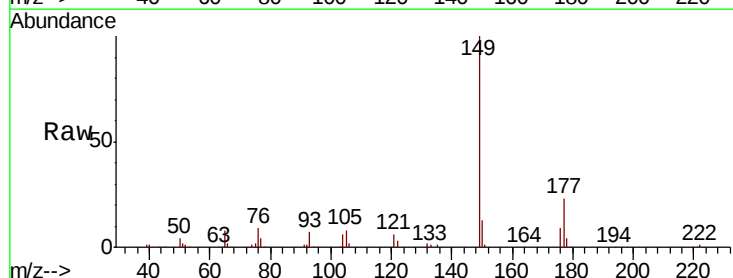
Instrument :
 BNA_N
 ClientSampleId :

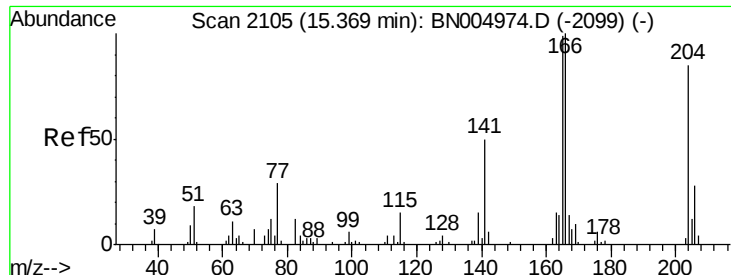
Tot Ion:	232	Resp:	36188
Ion	Ratio	Lower	Upper
232	100		
131	41.2	32.4	48.6
130	1.4	0.9	1.3#
166	29.2	22.6	34.0



#60
 Diethylphthalate
 Concen: 74.960 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:	149	Resp:	126719
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.1	27.1
150	12.5	10.1	15.1

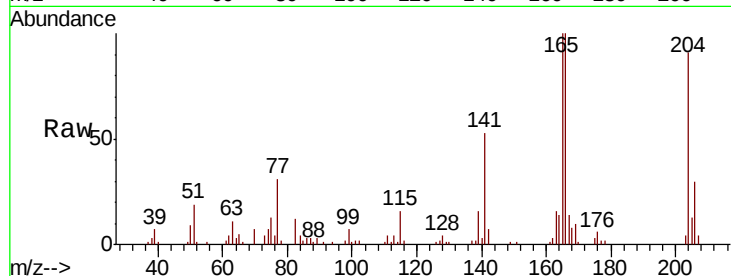




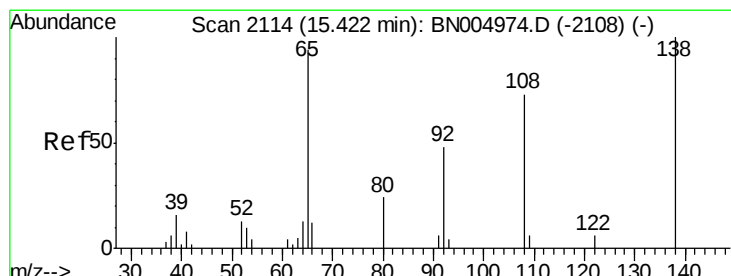
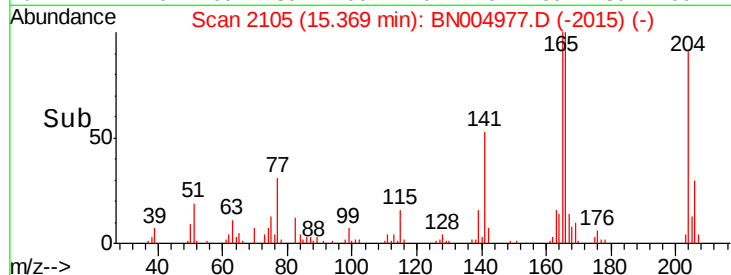
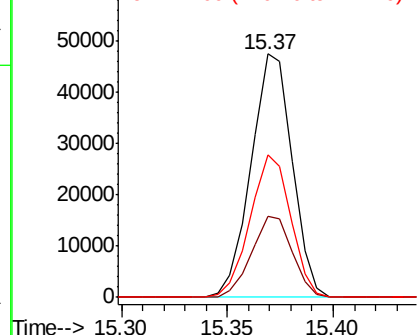
#61
 4-Chlorophenyl-phenylether
 Concen: 73.876 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:204 Resp: 64374
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.5 39.7
 141 58.3 47.2 70.8

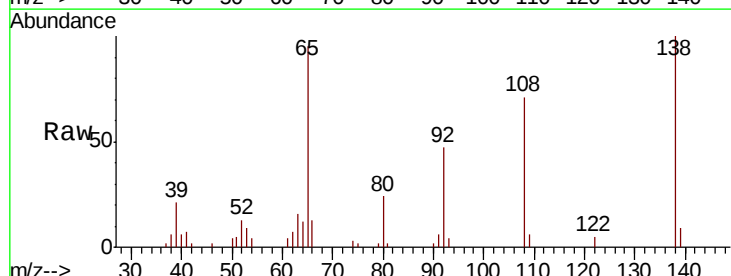


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

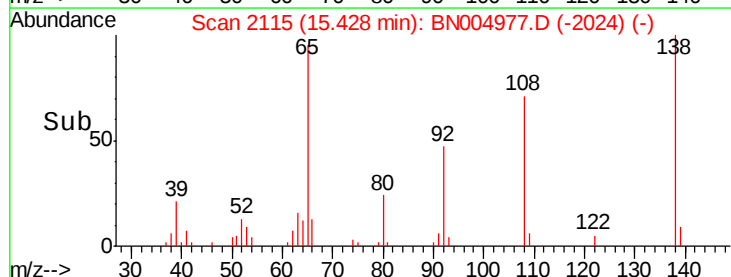
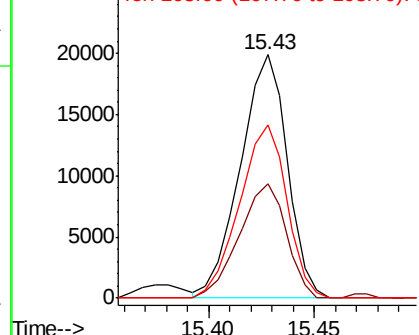


#62
 4-Nitroaniline
 Concen: 76.598 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:138 Resp: 30647
 Ion Ratio Lower Upper
 138 100
 92 47.1 26.4 66.4
 108 71.0 50.8 90.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 108.00 (107.70 to 108.70): E

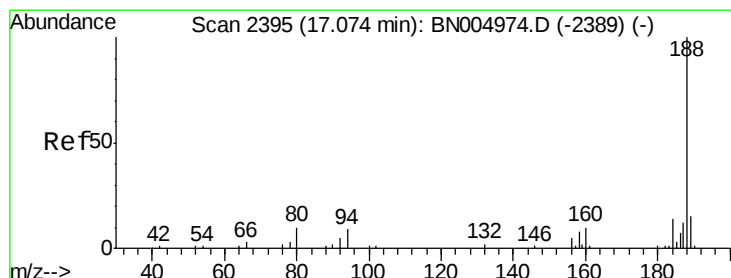
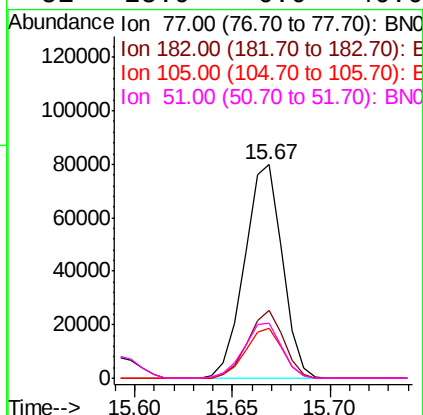
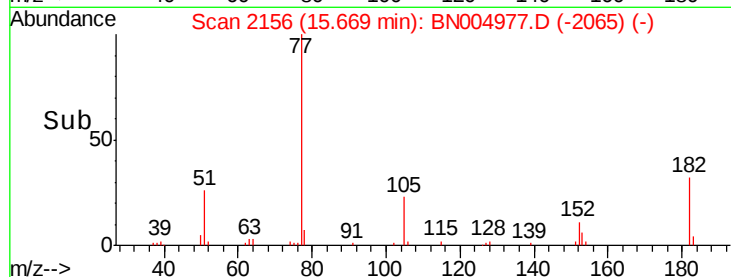
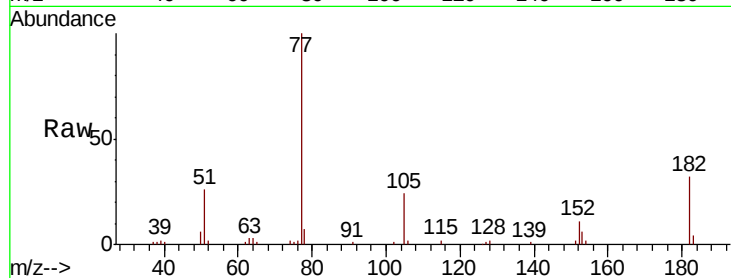




#63
Azobenzene
Concen: 77.651 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

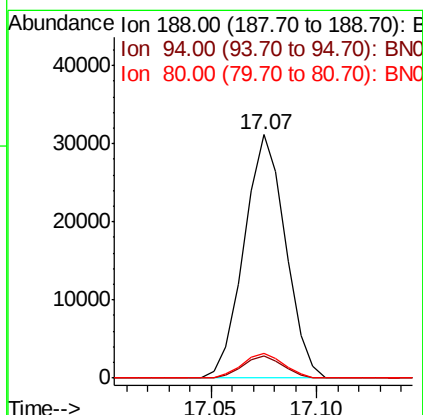
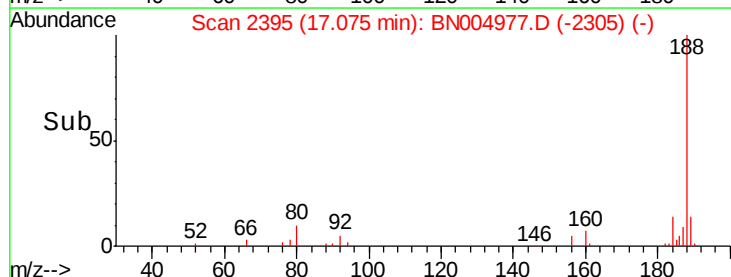
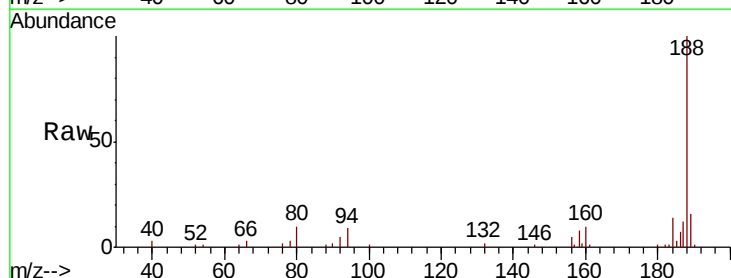
Instrument :
BNA_N
ClientSampleId :

Tot Ion:	77	Resp:	107148
Ion	Ratio	Lower	Upper
77	100		
182	32.0	10.0	50.0
105	23.6	2.9	42.9
51	25.9	6.0	46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:	188	Resp:	42517
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.2	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 76.154 ng

RT: 15.47 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

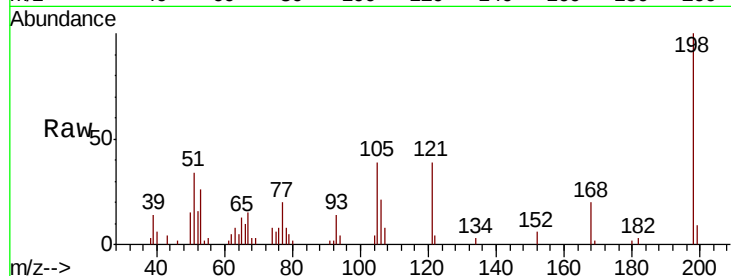
Tot Ion:198 Resp: 23183

Ion Ratio Lower Upper

198 100

51 34.4 12.0 52.0

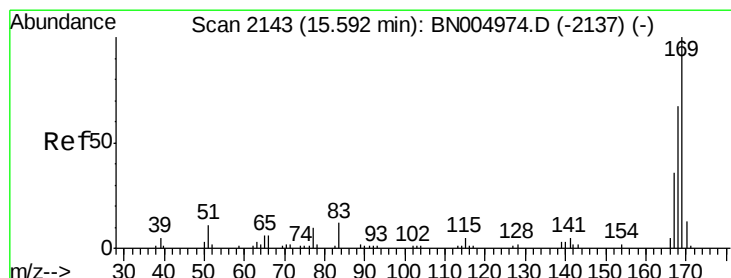
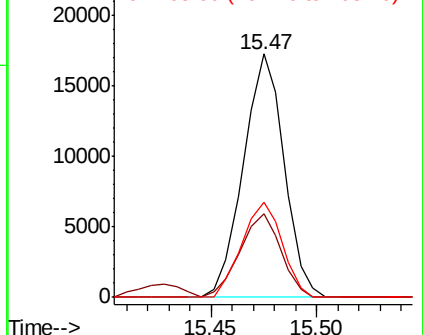
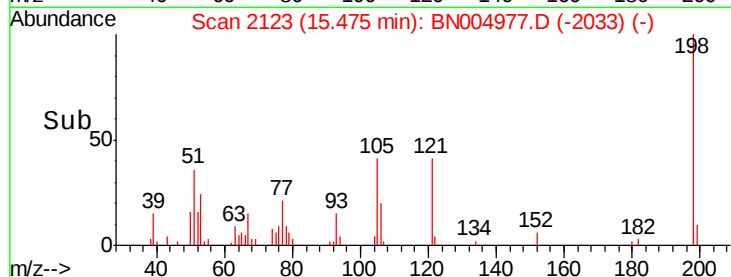
105 39.2 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 79.225 ng

RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

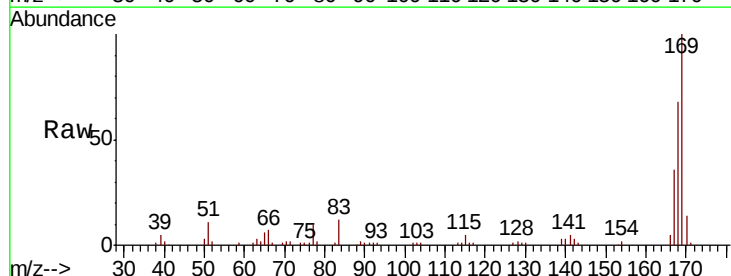
Tgt Ion:169 Resp: 106691

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.2

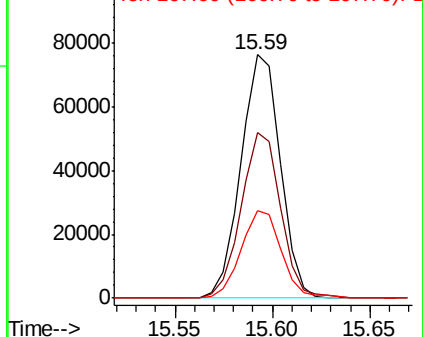
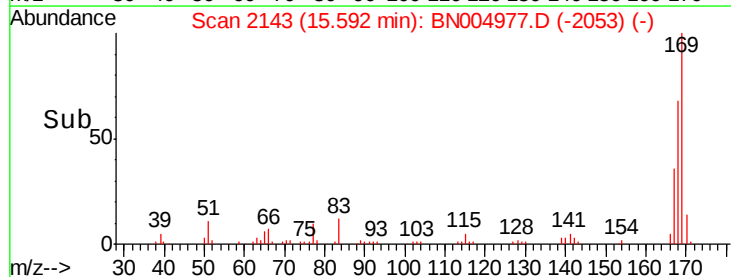
167 36.1 28.9 43.3

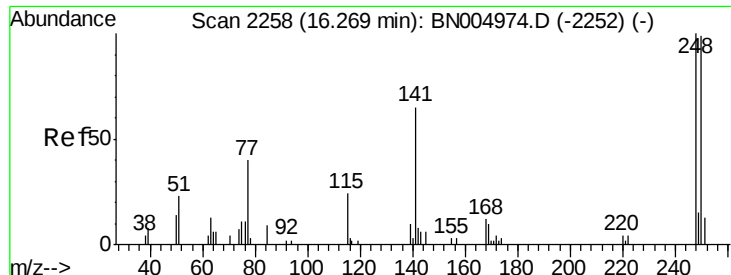


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

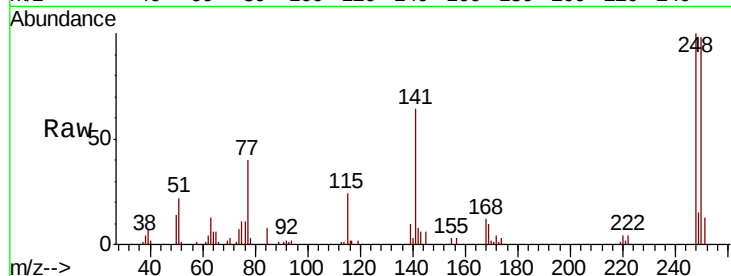




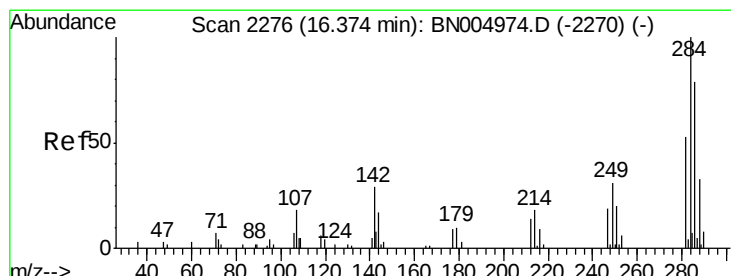
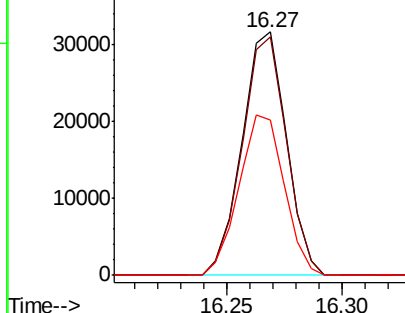
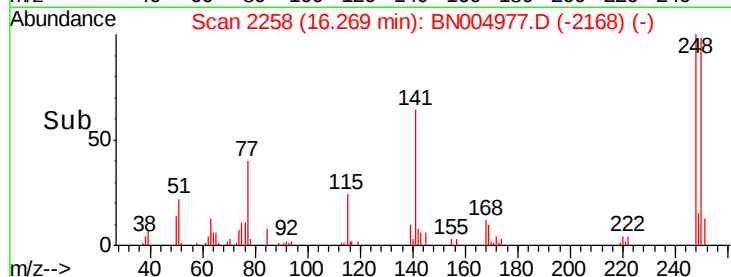
#67
 4-Bromophenyl-phenylether
 Concen: 79.269 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:248 Resp: 42511
 Ion Ratio Lower Upper
 248 100
 250 97.8 79.4 119.2
 141 63.8 52.3 78.5

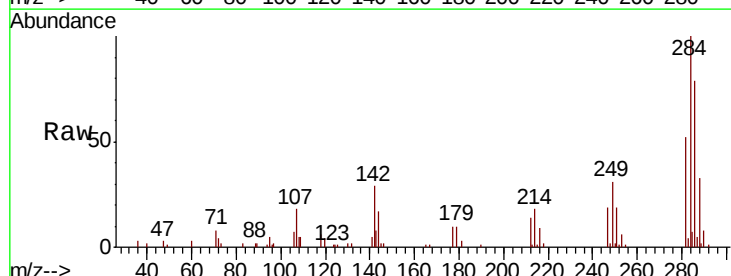


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

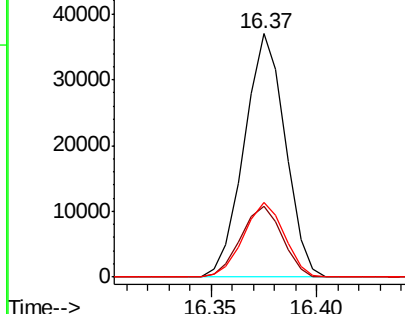
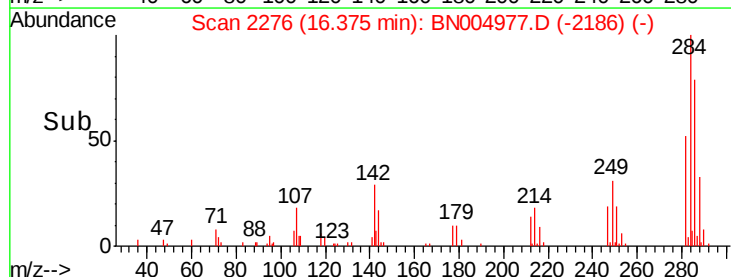


#68
 Hexachlorobenzene
 Concen: 79.891 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:284 Resp: 49866
 Ion Ratio Lower Upper
 284 100
 142 29.3 23.5 35.3
 249 30.8 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 73.115 ng

RT: 16.55 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

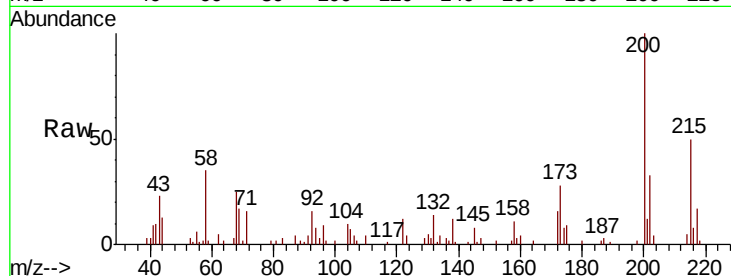
Tot Ion:200 Resp: 36831

Ion Ratio Lower Upper

200 100

173 27.7 6.4 46.4

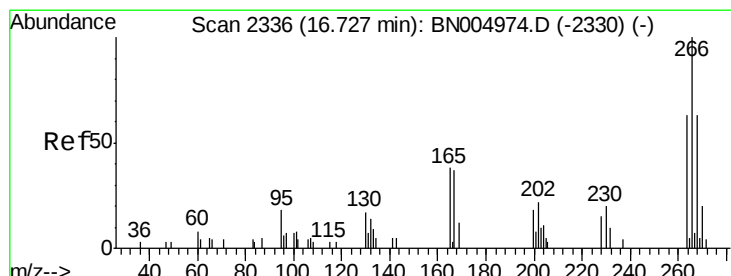
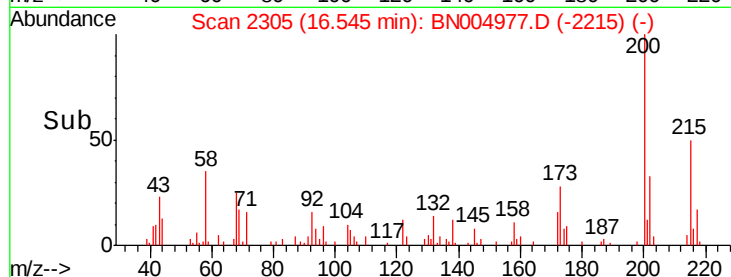
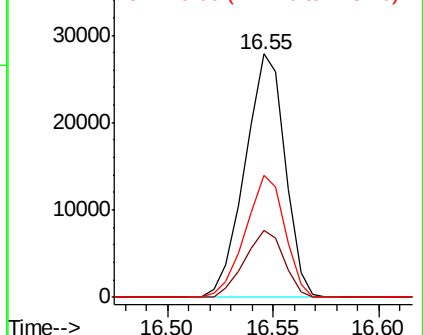
215 50.2 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.841 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

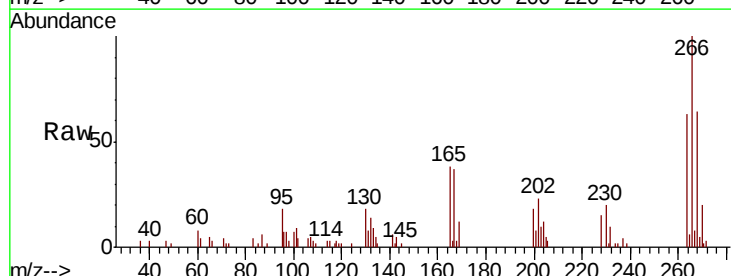
Tgt Ion:266 Resp: 27390

Ion Ratio Lower Upper

266 100

268 63.9 50.8 76.2

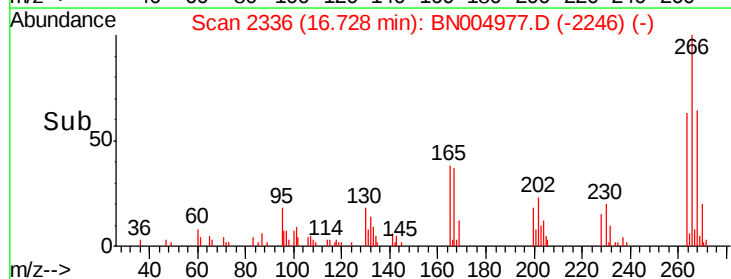
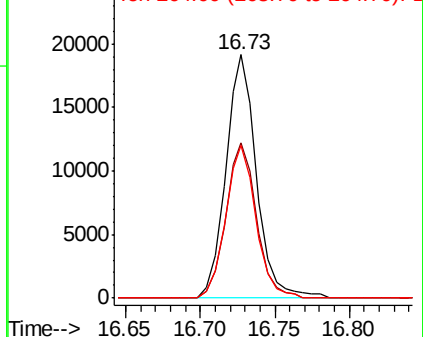
264 63.0 50.0 75.0

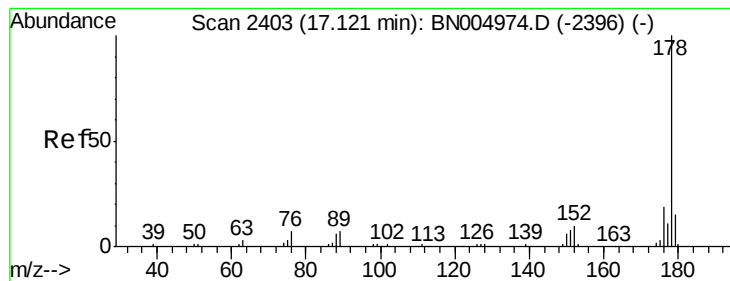


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 85.188 ng

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

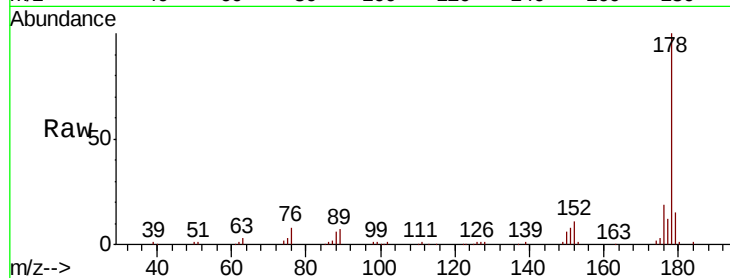
Tot Ion:178 Resp: 189215

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

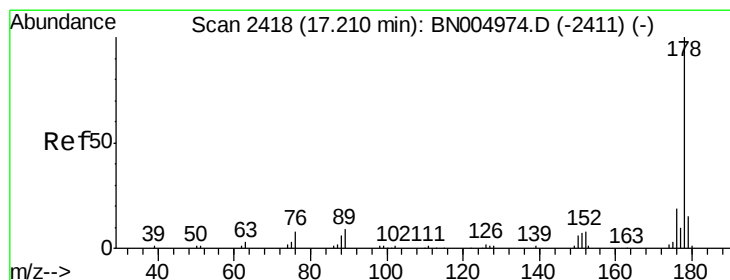
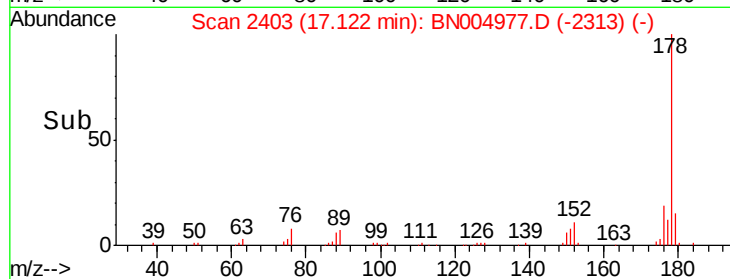
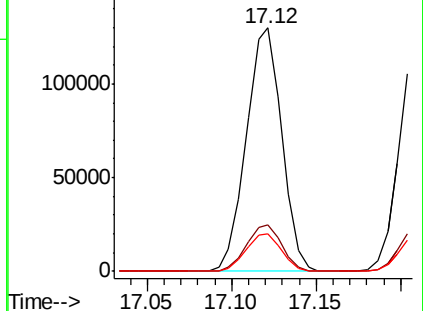
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 86.888 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

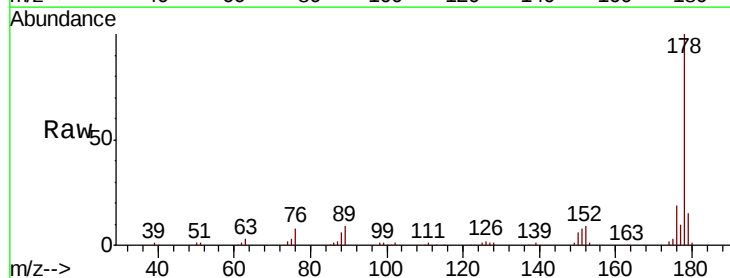
Tgt Ion:178 Resp: 188637

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

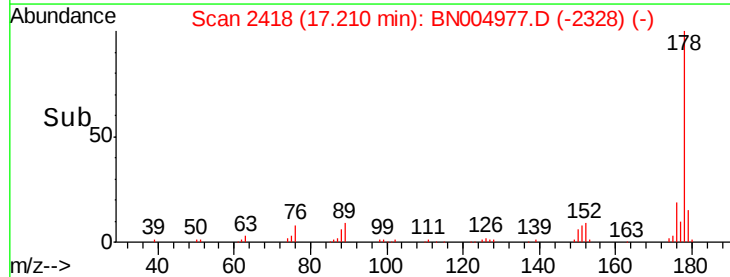
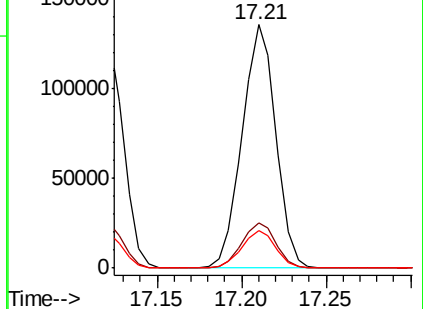
179 15.2 12.3 18.5

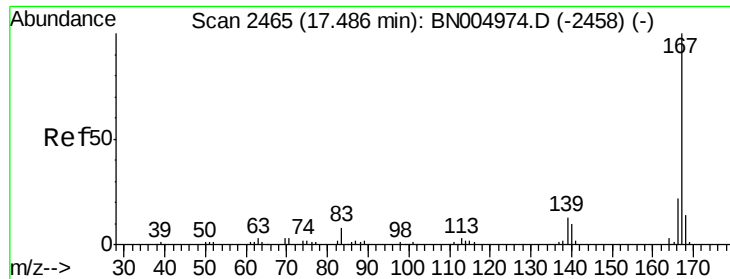


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

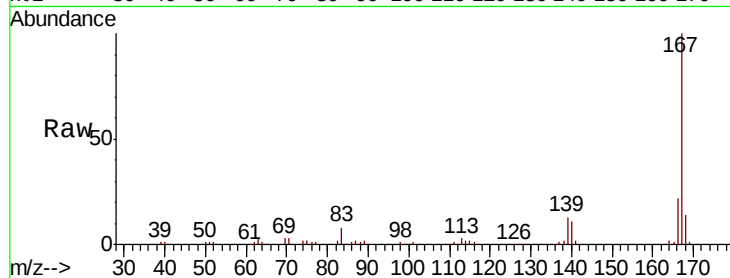




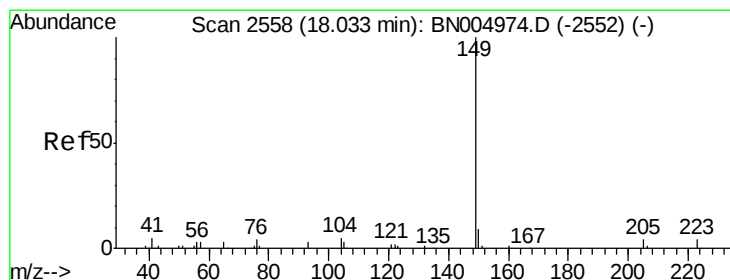
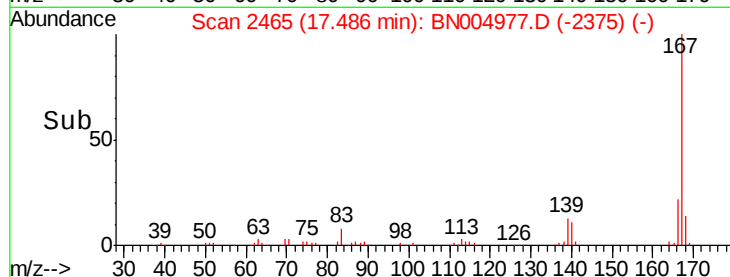
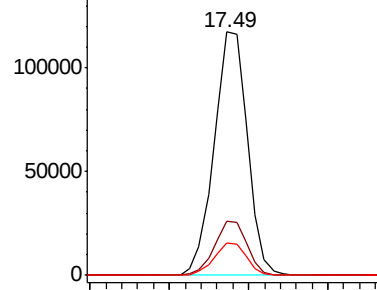
#73
 Carbazole
 Concen: 80.184 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 170849
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.6 16.0

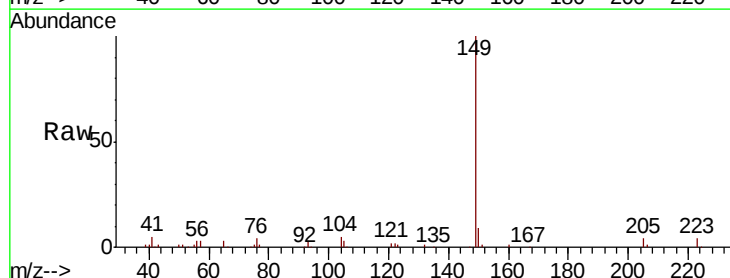


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

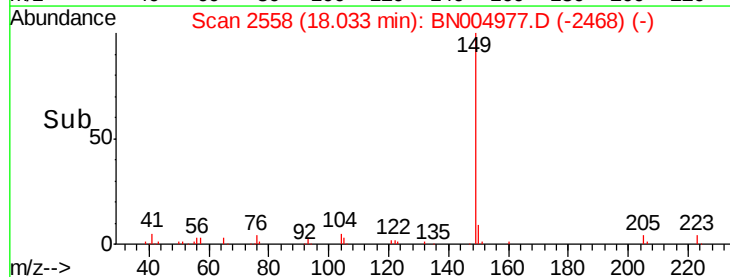
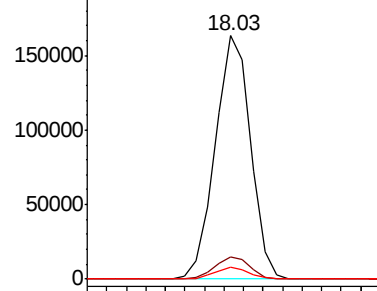


#74
 Di-n-butylphthalate
 Concen: 81.301 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion:149 Resp: 204403
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 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

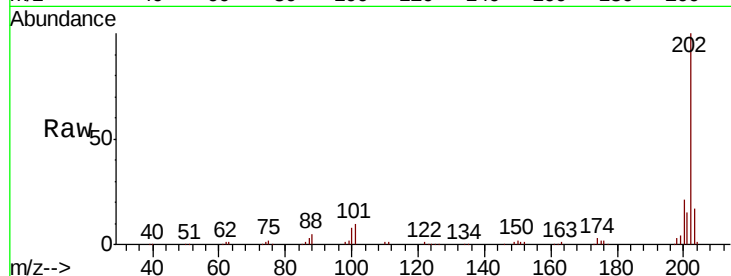




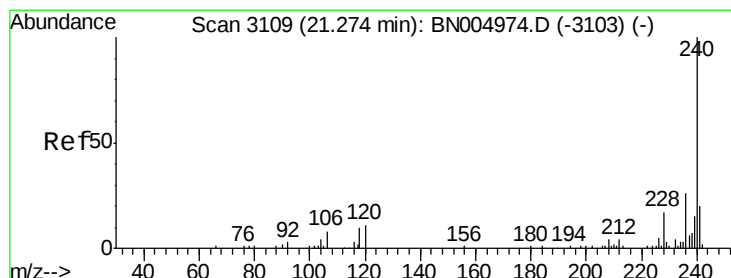
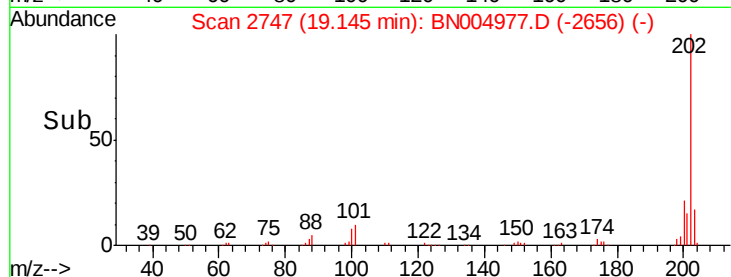
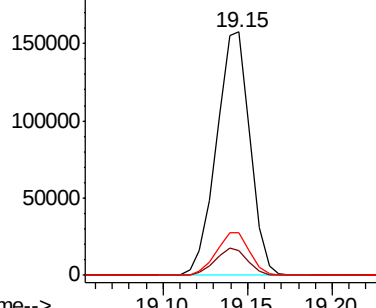
#75
 Fluoranthene
 Concen: 90.963 ng
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.3	0.0	37.5

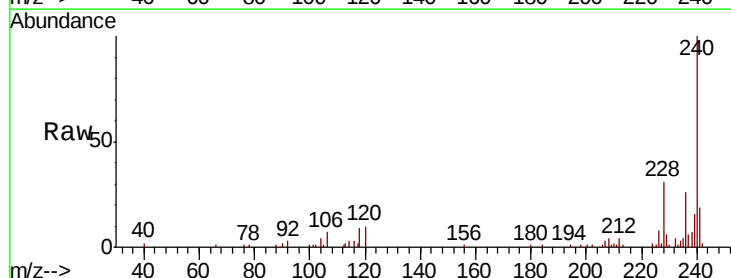


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

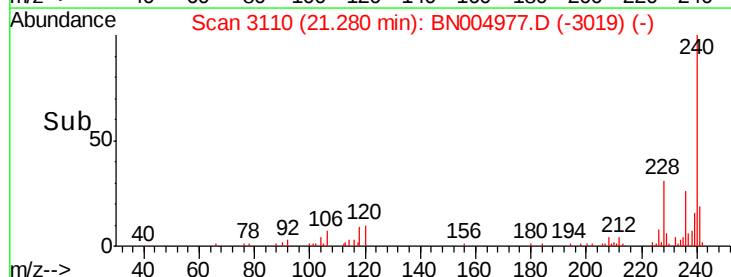
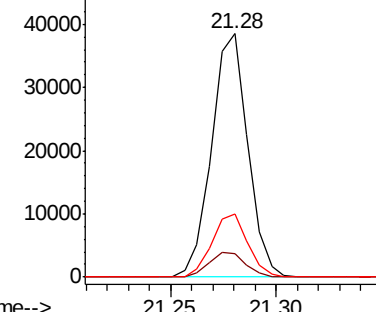


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	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

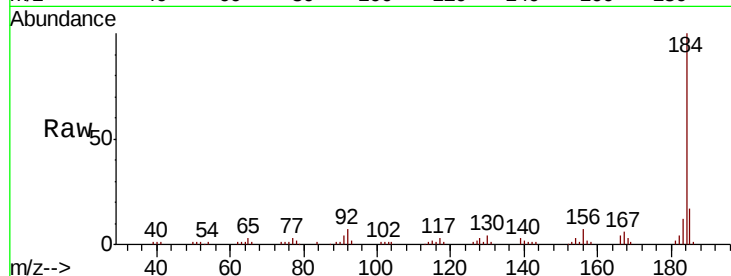




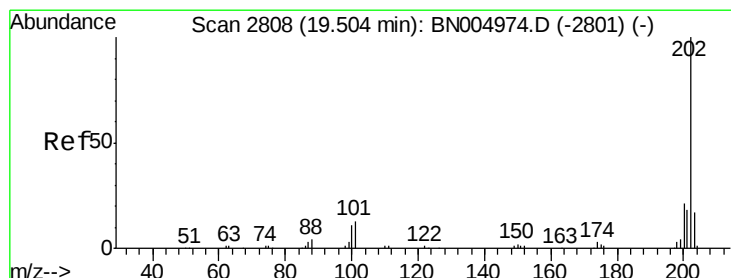
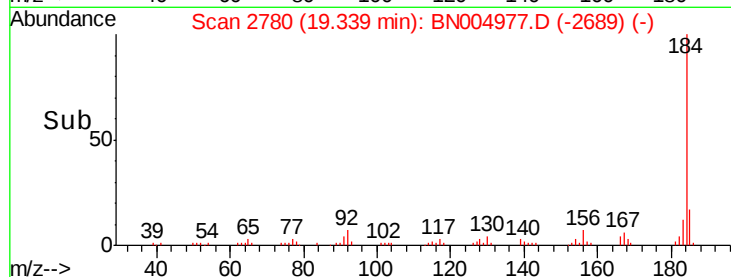
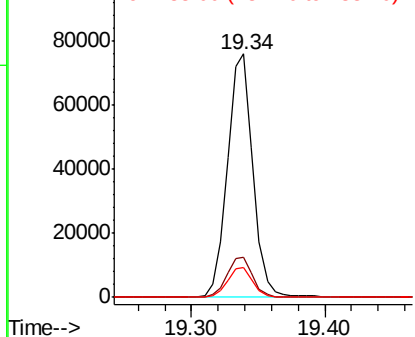
#77
Benzidine
Concen: 64.264 ng
RT: 19.34 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 101821
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 12.3 9.9 14.9

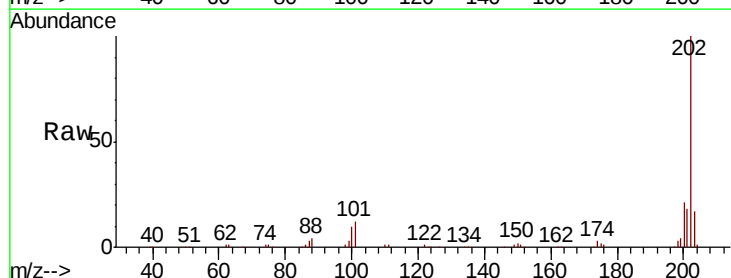


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

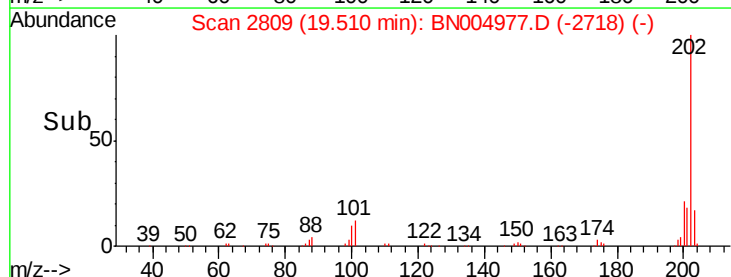
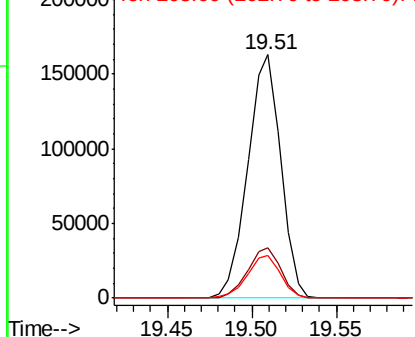


#78
Pyrene
Concen: 71.640 ng
RT: 19.51 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:202 Resp: 221551
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.4 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: 144.872 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

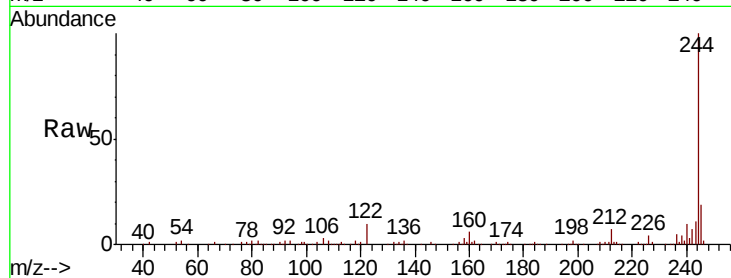
Tot Ion:244 Resp: 337136

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

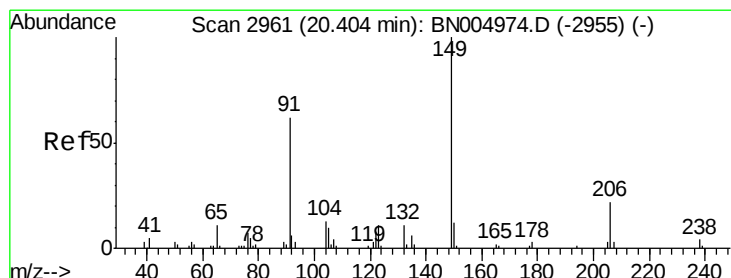
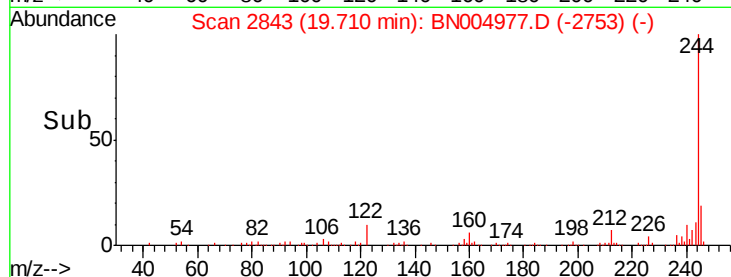
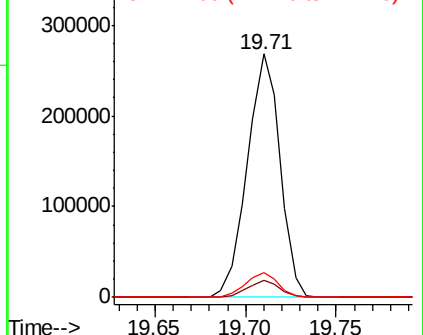
122 10.0 7.4 11.2



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: 69.477 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

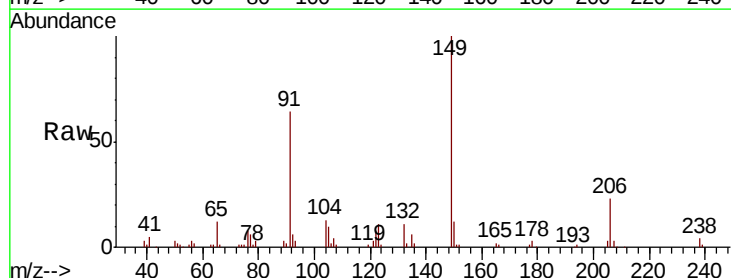
Tgt Ion:149 Resp: 92085

Ion Ratio Lower Upper

149 100

91 63.8 49.3 73.9

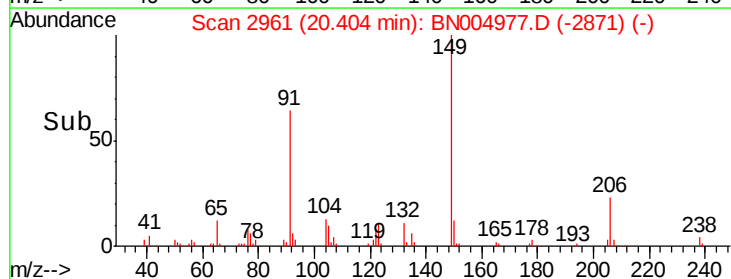
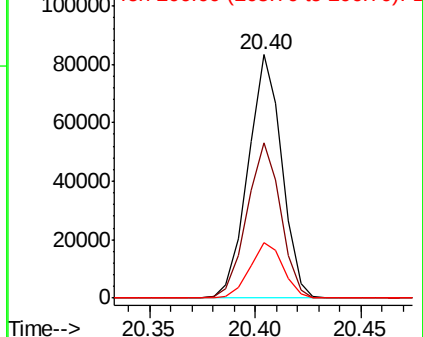
206 22.9 17.9 26.9

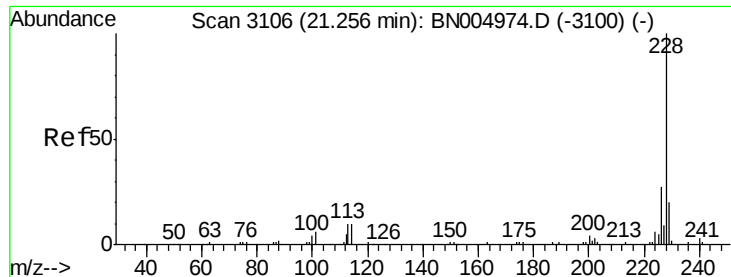


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

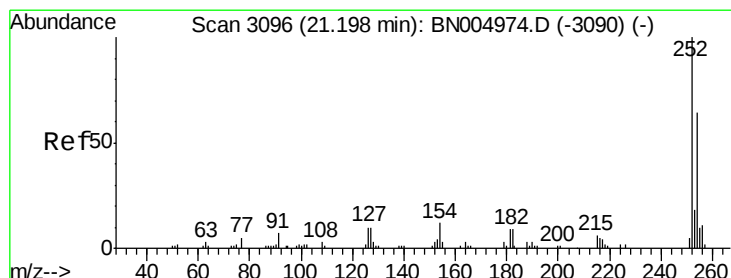
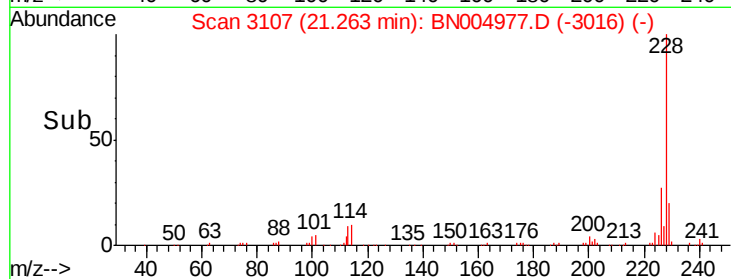
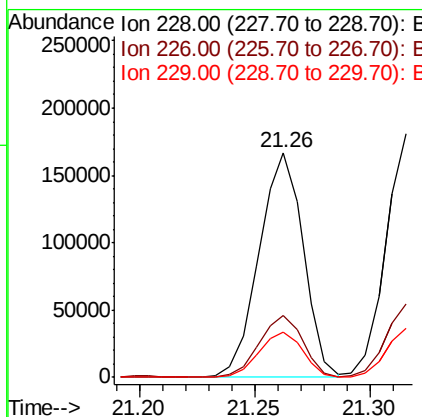
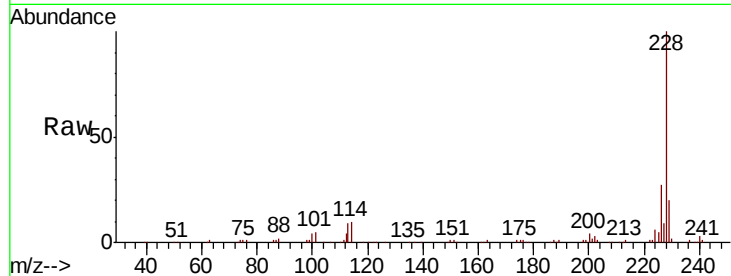




#81
Benzo(a)anthracene
Concen: 84.947 ng
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

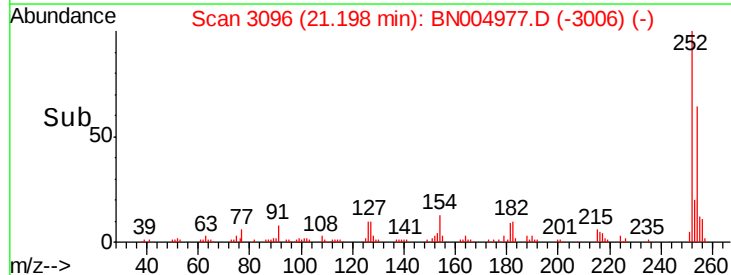
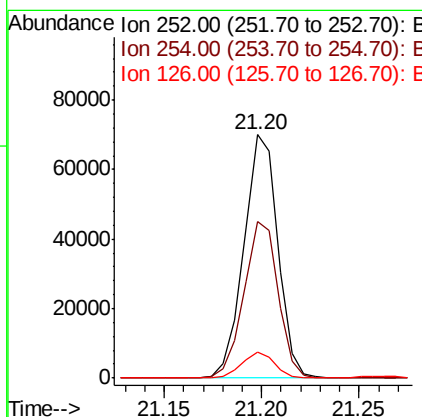
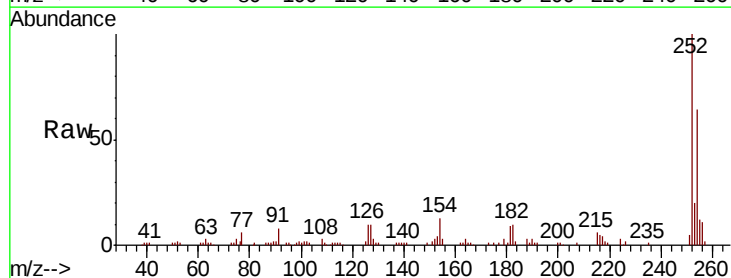
Instrument :
BNA_N
ClientSampled :

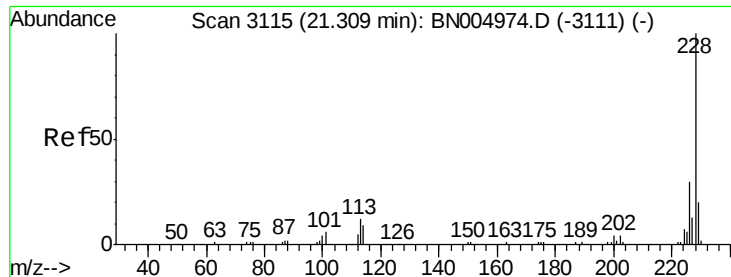
Tot Ion:228 Resp: 221385
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 77.694 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:252 Resp: 84387
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 10.5 7.9 11.9

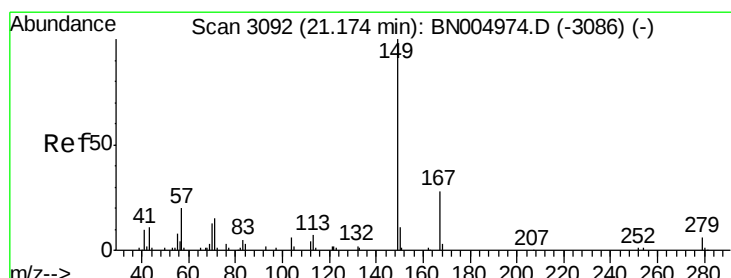
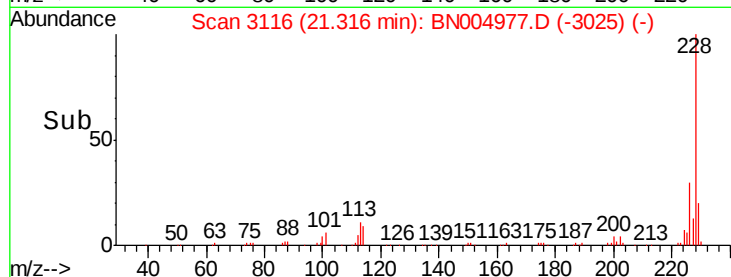
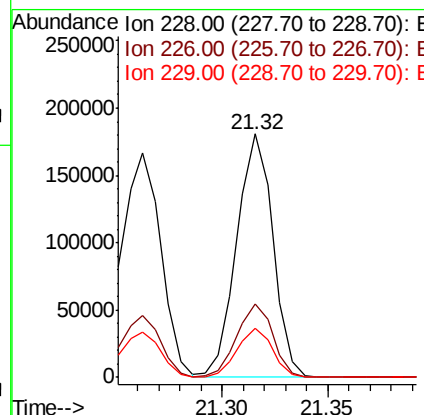
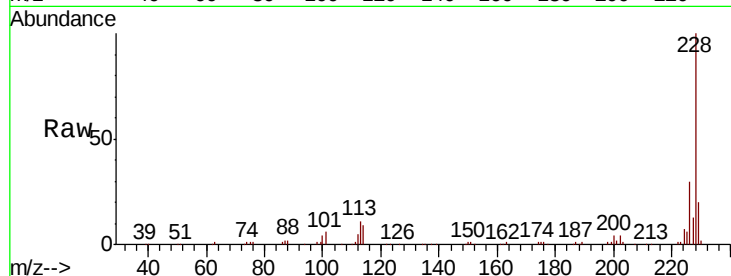




#83
 Chrysene
 Concen: 86.348 ng
 RT: 21.32 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

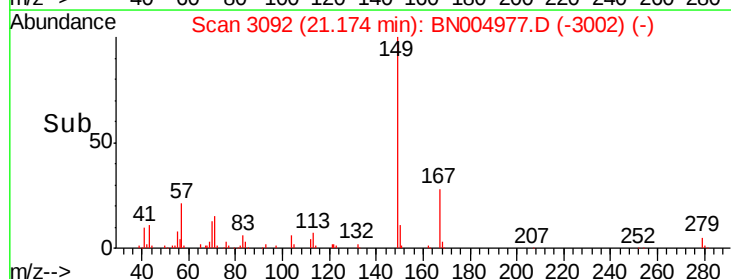
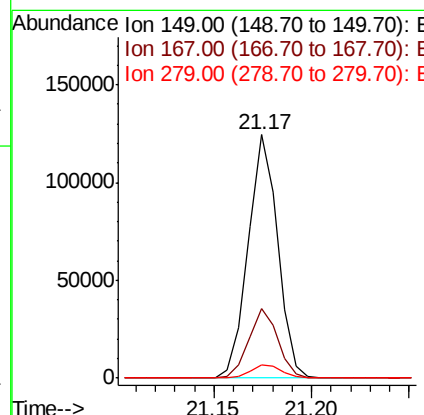
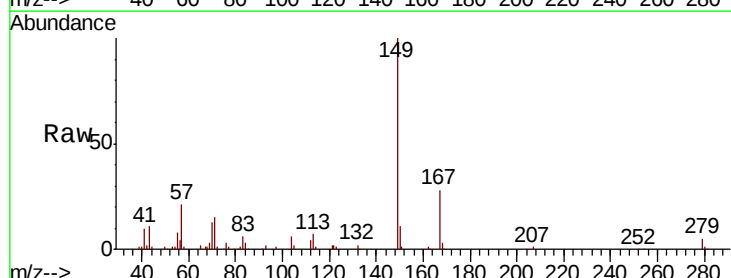
Instrument :
 BNA_N
 ClientSampled :

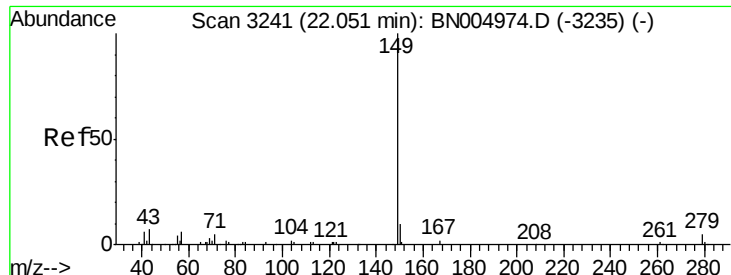
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.9	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 67.937 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN004977.D
 Acq: 26 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	5.4	4.5	6.7

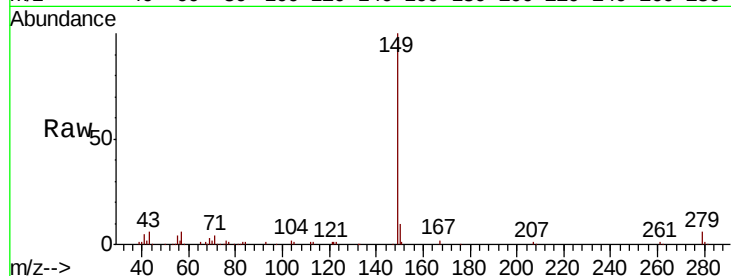




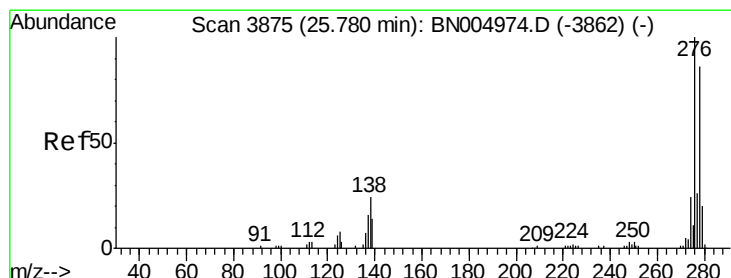
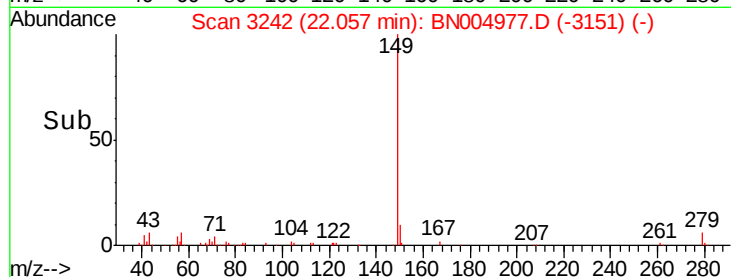
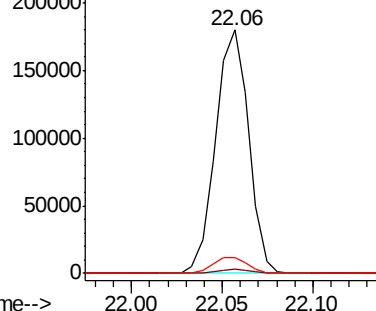
#85
Di-n-octyl phthalate
Concen: 79.542 ng
RT: 22.06 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 227064
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.8 5.8 8.6

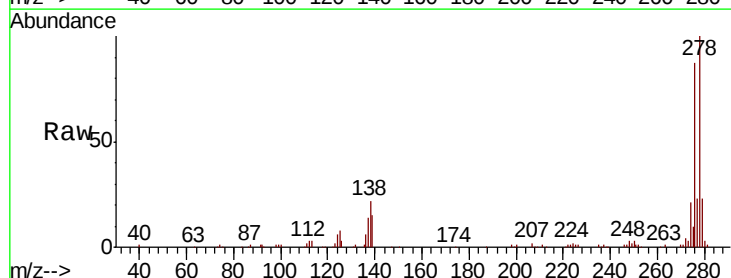


Abundance Ion 149.00 (148.70 to 149.70): E
250000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

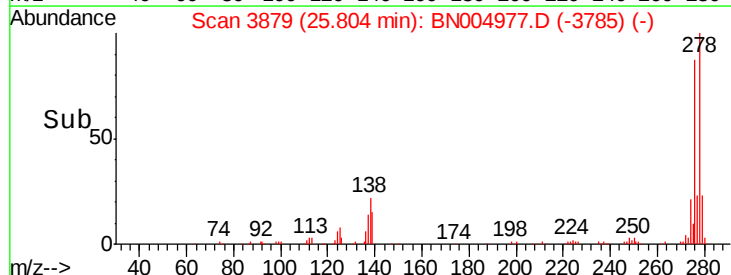
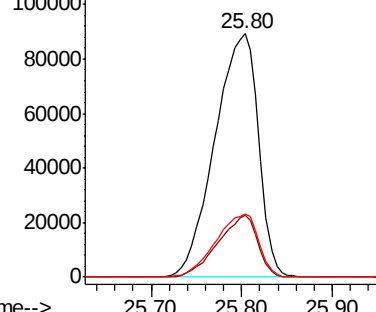


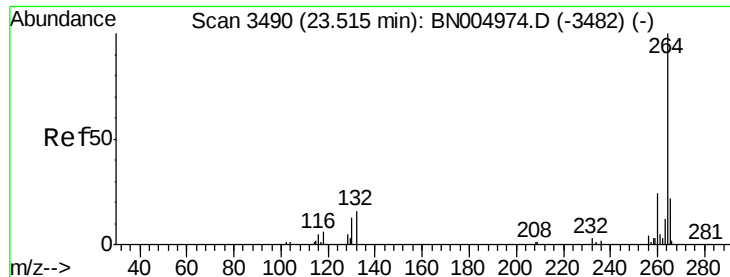
#86
Indeno(1,2,3-cd)pyrene
Concen: 113.560 ng
RT: 25.80 min Scan# 3879
Delta R.T. 0.02 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:276 Resp: 298813
Ion Ratio Lower Upper
276 100
138 23.1 18.5 27.7
277 25.5 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
120000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

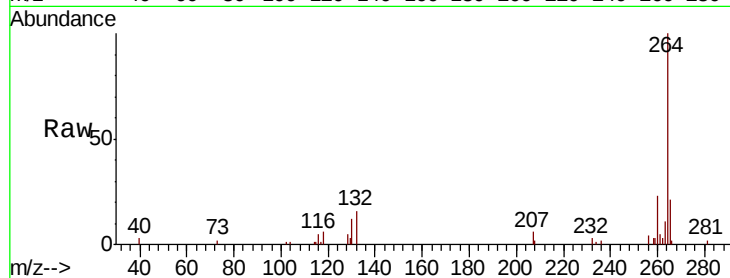




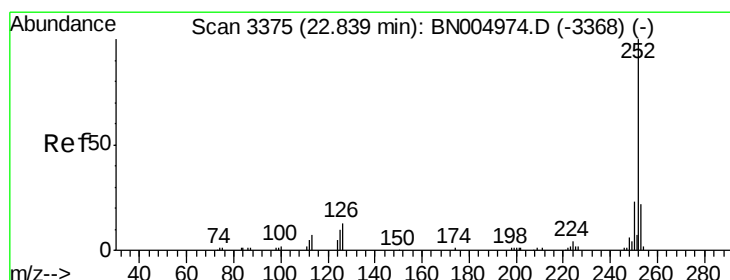
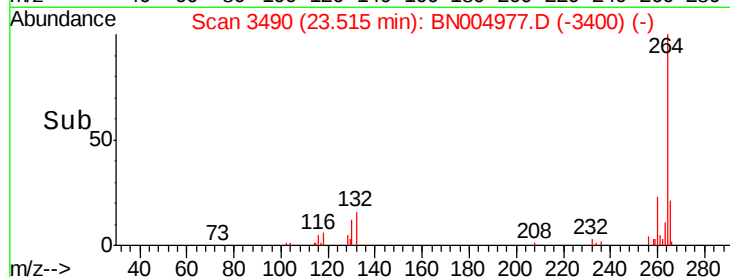
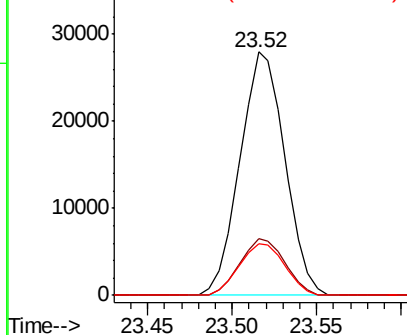
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 51638
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.5 17.2 25.8

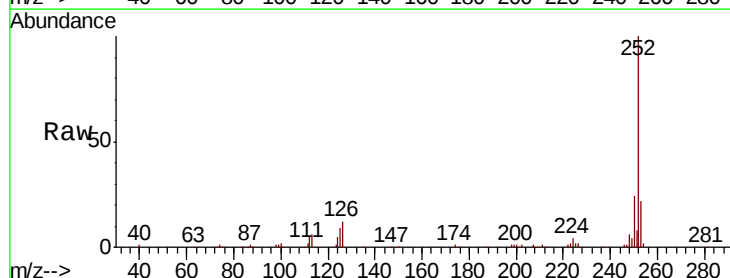


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

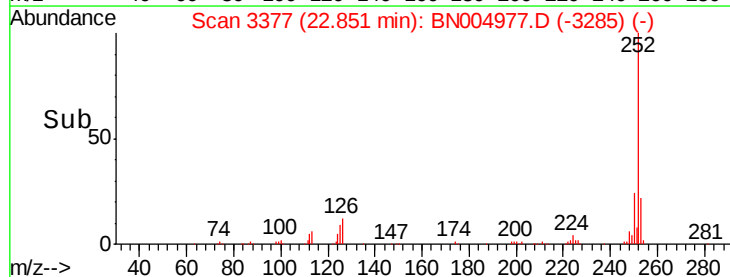
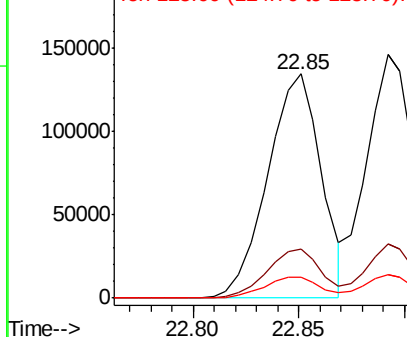


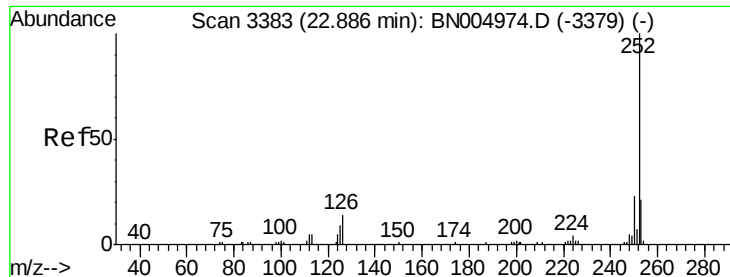
#88
Benzo(b)fluoranthene
Concen: 82.478 ng
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BN004977.D
Acq: 26 Mar 2019 15:28

Tgt Ion:252 Resp: 237119
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.4 8.1 12.1



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





#89

Benzo(k)fluoranthene

Concen: 79.207 ng

RT: 22.89 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

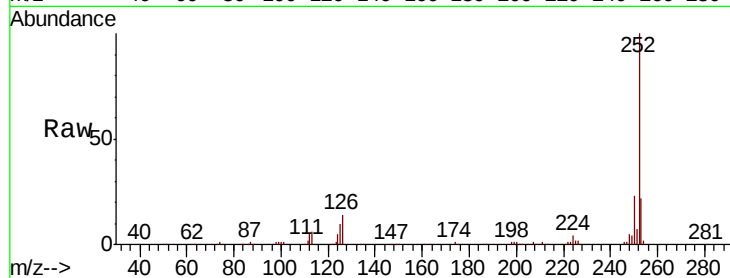
Tot Ion:252 Resp: 226602

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

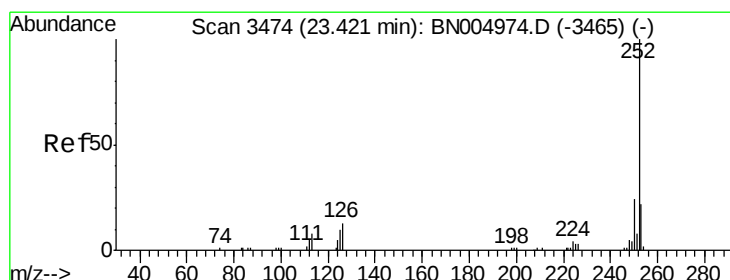
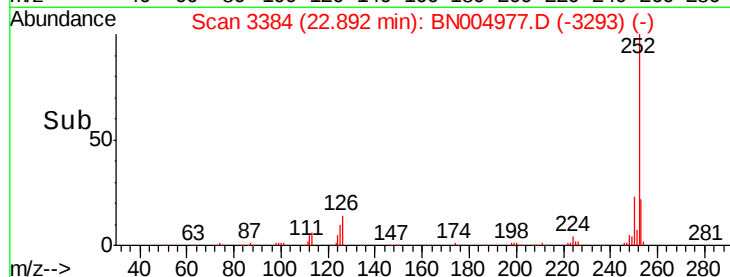
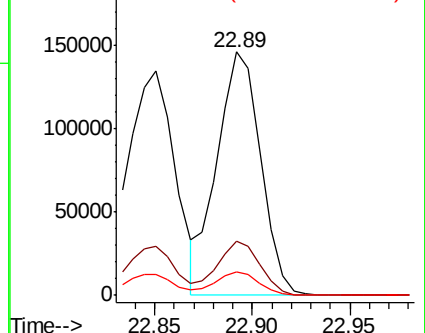
125 9.6 7.6 11.4



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



#90

Benzo(a)pyrene

Concen: 85.562 ng

RT: 23.43 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

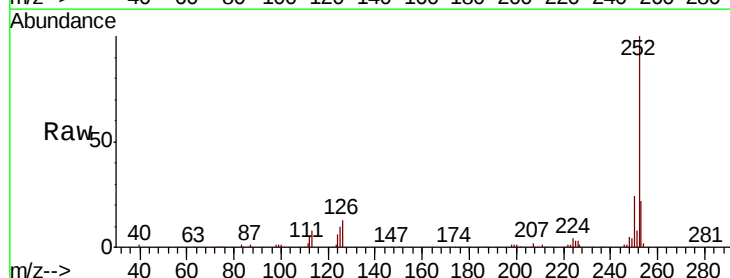
Tgt Ion:252 Resp: 227918

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

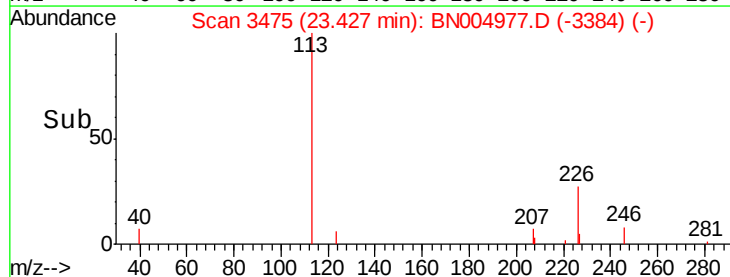
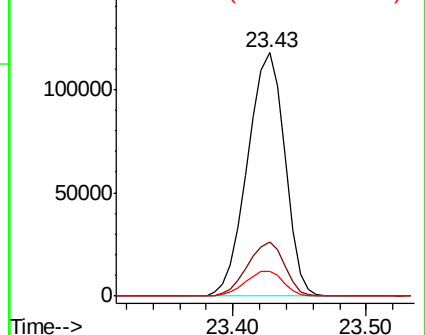
125 10.4 8.2 12.4

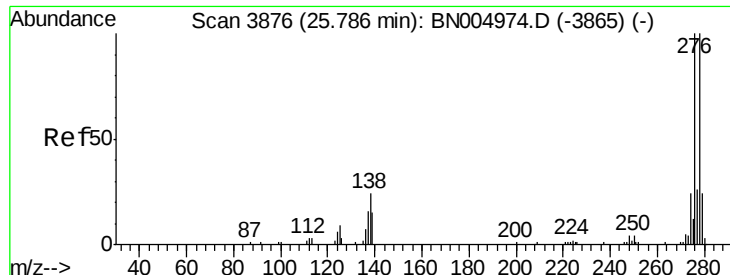


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 90.458 ng

RT: 25.80 min Scan# 3879

Delta R.T. 0.02 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

Instrument :

BNA_N

ClientSampleId :

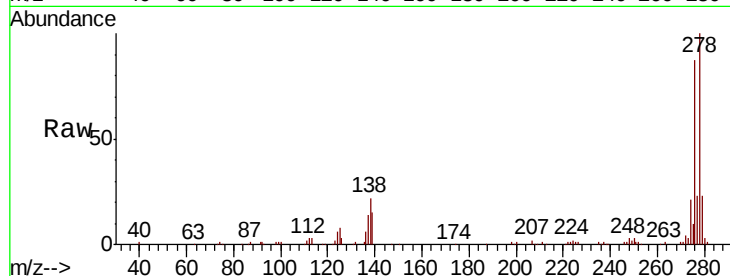
Tot Ion:278 Resp: 245373

Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.8

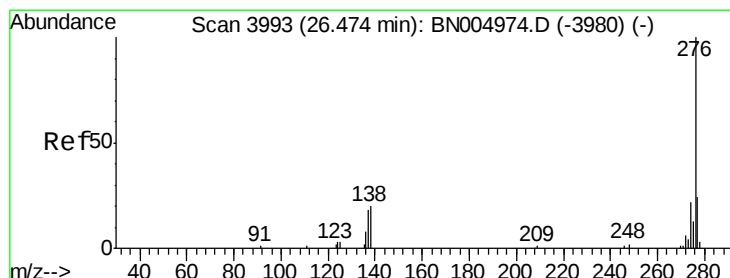
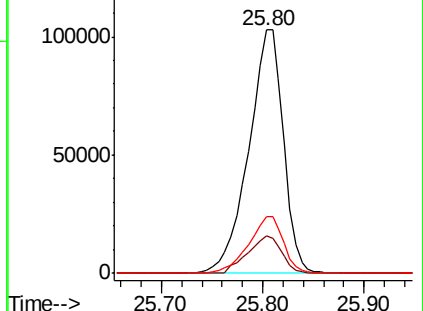
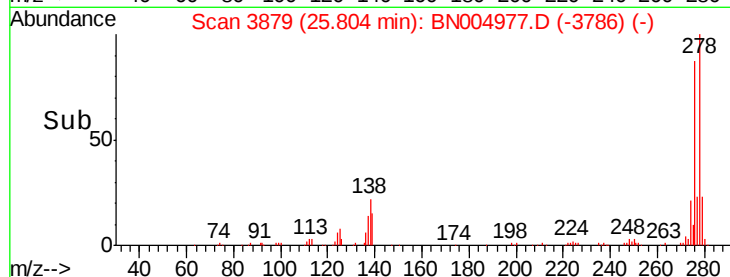
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 93.141 ng

RT: 26.49 min Scan# 3996

Delta R.T. 0.02 min

Lab File: BN004977.D

Acq: 26 Mar 2019 15:28

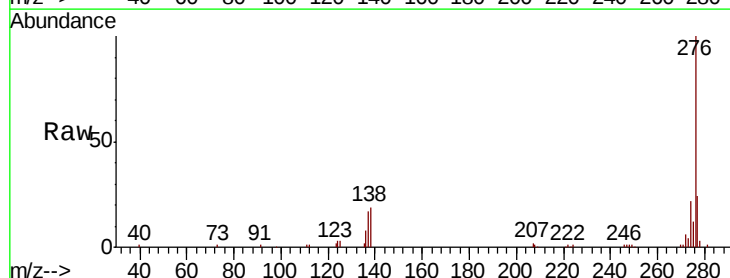
Tgt Ion:276 Resp: 245692

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 19.5 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

